



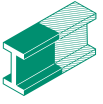
CLEANERS



LUBRICANTS



RELEASE AGENTS



ANTI-CORROSION



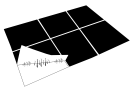
PAINTS



SPECIALTY



WELDING



ADHESIVES



ACCESSORIES



INDUSTRIAL PRODUCTS

MRO CHEMICAL SOLUTIONS





CLEANERS



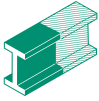
LUBRICANTS



RELEASE AGENT

**CRC Industries** is a worldwide supplier of chemical products for the industry, automotive and electro segments. The company consists of five operating groups headquartered in the United States, Belgium, the United Kingdom, Australia and South Africa . CRC Industries Europe is ISO 9001 certified.

We manufacture and supply cleaners, lubricants, anti-corrosion products, adhesives, welding products, additives, moulding products and other specialty products...all for the European, African and Middle East areas.



ANTI-CORROSION

We guarantee high quality products by following strict guidelines in all facets of research, development and production. We try to meet today's most stringent environmental and safety standards. Furthermore CRC develops new products and continues to adapt existing products to meet the needs of our customers.

For detailed product information, Technical Data and Material Safety Data, please consult our website: [www.crcind.com](http://www.crcind.com)



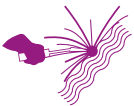
PAINTS



SPECIALTY

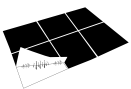
**“SEE FOR YOURSELF THAT CRC IS THE BEST SOLUTION!”**

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend our products to be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.



WELDING

**Note:** The CRC product range is country-related. It is possible that some products, listed in the catalogue, might not be available. Product pictures not binding. Actual product may be different from picture due to change-over to new design.



ADHESIVES



ACCESSORIES



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# MY CRC

## AUTOMATIC TDS & MSDS UPDATES



A service offered to CRC end-users and distributors as a means to automate the task of updating Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS), reducing the burden on staff having to remember, schedule, and undertake this HSE requirement.

By using My CRC, the end-user can ensure 100% compliance, automatically when there is a change to the datasheets, whether due to legislative changes such as hazard classifications or amendments to European law. These changes do not affect the product performance or availability, but in a highly regulated industry - up to date compliance is essential to avoid prosecution. The ongoing REACH legislation will affect all processors, distributors, and users of chemicals throughout Europe, however, many people are unaware of what this means. Using My CRC ensures that such changes will be incorporated into the MSDS and TDS, with updates sent automatically.

Offered through the CRC website ([www.crcind.com](http://www.crcind.com)) a simple registration process provides access to the complete CRC product range where selection of relevant products takes place - receive only relevant products updates. The system remembers the selection, and will automatically generate an email notification when a significant change occurs to either the TDS or MSDS, keeping relevant management and user personnel up-to-date.

### **A unique service, making compliance easy!**

- 24/7 availability on-line.
- Removes the potential to 'forget' to check for updates.
- Saves time & easy to use.
- Legislation changes frequently, do you always know when it has? Receive updates automatically in your mailbox.
- All information held securely.

## MY CRC - DIRECTIONS

1. Navigate to [www.crcind.com/crc](http://www.crcind.com/crc).
2. Click on the My CRC logo.
3. Select the link "New User".
4. Fill in company details.
5. The unique log-in ID and password will be emailed to you.
6. Enter the log-in ID and password on My CRC.
7. Once logged in, select the country from the drop-down list at the top of the page. The complete list of CRC products will now be displayed - using the selection boxes on the right, both MSDS and TDS updates can be selected.
8. Please confirm your selection, My CRC instantly updates which boxes have been selected.
9. Once all products of interest have been selected, simply close your internet browser - the process is now finished.
10. If product selection needs to be modified, simply log-in to My CRC and change the update options (click on the My CRC logo to update email preferences).

# CRC WEB STORE LIVE!

**24/7 ORDERING WHEN  
YOU NEED IT**



## **SAFETY FLEXIBILITY SPEED**



**24-7  
ORDERING**



**LIVE STOCK  
CHECK**



**INSTANT  
PRODUCT  
INFORMATION**



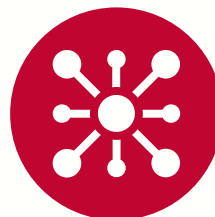
**SECURE  
LOGIN**



**FAST-TRACK  
ORDER  
TEMPLATES**



**ORDER  
HISTORY**



**MULTI-  
BRANCH  
SUPPORT**



**PERSONAL  
SERVICE**

# PICTOGRAMS



## 360° spray system

Use your CRC product in any required angle.  
Can also be used upside down.



## Clever-Straw

Wide spray in the DOWN-position, precise application in the UP-position.  
(see p.28)



## LOW GWP - Climate friendly

To avoid use and emissions of HFCs (R134a), CRC is proud to announce their climate-friendly HFO products. The new Low GWP (Global Warming Potential) icon will be displayed on all relevant packaging.



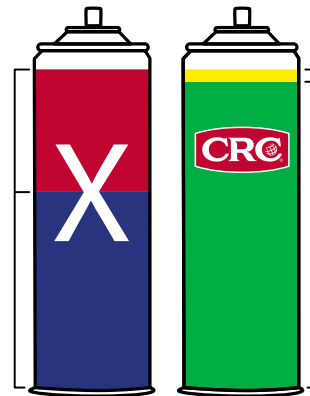
## H<sub>2</sub>O Based

These products are water based products.



Propane/butane propellant

Active product



CO<sub>2</sub> propellant  
Maximum 5%

Minimum 95%  
Active product

## More product, less propellant

We respect the environment and if it's technically possible, we fill the majority of our aerosols with CO<sub>2</sub>. Besides the environmental aspect, this ensures you have on average over 40% more product.

# MULTI-LANGUAGE CANS

- Depending on the market version, aerosol products display either 3 l languages per can or 8 languages as standard.
- This ensures foreign employees can use products and understand risk phrases
- CRC products can be exported globally for international branches and end-users
- Reduces risk of workplace accidents or inappropriate use and improves user safety
- All SDS are available in up to 3 l languages from [www.crcind.com](http://www.crcind.com)



# RISK REDUCTION MOBILE: REMOTE CHEMICAL ASSESSMENT

## SAFETY



- Driving compliance
- Auto update SDS
- Audit trail
- Reduced site visitors

## SUPPLY



- Inventory control
- Remove rogue ordering
- Consolidate orders

## QUALITY



- No more duplication
- Best product for job
- 100% support from manufacturer
- Expert advice

**TOTAL COST BENEFIT**

## 3 EASY STEPS:

### ① CONTACT:

Identify your customers' use of maintenance chemicals, purchases and inventory control.

### ② SUBMISSION:

Simply take a clear photograph of the products in the chemical cabinet or a chemical stores list, & use the Information Form (see below) to submit the enquiry.

### ③ 48 HOUR GUARANTEE:

We will analyse your submission and reply with Safety, Supply and Quality recommendations.

**BEFORE**

**AFTER**



**ACHIEVING 'TOTAL COST BENEFIT'  
HAS NEVER BEEN EASIER**





### NSF EXPLAINED

NSF is an abbreviation for the National Sanitation Foundation, which was founded in 1944 as a not-for-profit, non-governmental organisation. NSF International is a global provider of public health and safety risk management solutions to companies, governments and consumers. In 1999, it launched its voluntary Nonfood Compounds Registration Program to re-introduce the previous authorisation program administered by the U.S Department of Agriculture (USDA). Product evaluation is based on formulation and label review. Products which comply with the relevant regulations and guidelines receive a registration letter and are included in the 'NSF White Book™ Listing of Proprietary Substances and Non-food Compounds'.

### Halal certification

All CRC H1/M1 lubricants are Halal certified, helping clients in the food & beverage sector meet their audit requirements for this fast-growing market.

The Halal certification has been granted by the European Certification Centre (ECC) for Halal, an independent European audit center, based in the Netherlands. The certificate can be downloaded from the CRC website [www.crceurope.com](http://www.crceurope.com).

### CRC FPS (Food Processing Safe)

Depending on the application, all CRC FPS products are designed for use in the food processing areas. Restrictions might apply to products having double codes when used as a "general purpose" C1 cleaner.

All CRC FPS products are NSF registered.

### Food contact

Only H1 lubricants can be used where incidental food contact is possible.

### Mould Release Agents

**M1** General Mould Release Agents

### NSF CATEGORIES

#### Lubricants

Used on food processing equipment as :

- anti-rust film (removal of film before re-using equipment)
- release agent on gaskets or seals of tank closures
- lubricant

**H1** Lubricant with incidental food contact (in compliance with FDA 21 CFR, section 178.3570).

**H2** Lubricant with no food contact.

#### Specialty

**P1** Miscellaneous.

#### Cleaning products

Food & packaging materials to be removed or protected. Potable water rinse. No noticeable odor and no visual residue.

**A1** General use.  
General cleaning on all surfaces in all departments.

**A7** Metal cleaners & polishes for non-food contact surfaces in all departments.  
Odors to be dissipated before food & packaging materials are re-exposed in the area.

**A8** Degreaser/carbon removers for food cooking or smoking equipment (hence in all departments).

Odors to be dissipated before food & packaging materials are re-exposed in the area.

Non-processing area cleaning products.

**C1** Use of cleaning or sanitizing products on equipment.

Water rinse required before returning equipment to the food processing area.

#### Solvent cleaners

**K1** Cleaners & degreasers for use in non-processing areas.  
Detergent wash + water rinse required before returning equipment to the food processing area.

**K2** Solvent for cleaning electronic instruments.  
Food & packaging materials to be removed or protected.  
Odors to be dissipated before food & packaging materials are re-exposed in the area.

**K3** Adhesive & glue removers for food packaging materials.  
Food & packaging materials to be removed or protected.  
Detergent wash + water rinse required before re-using.  
Odors to be dissipated before food & packaging materials are re-exposed in the area.





# FOOD SAFE THROUGH THE LINE



## PREVENTION. NOT DETECTION.

**Maximum food safety with:  
CRC Food Processing Safe® Perma-Lock® system.**

Engineered for performance and durability, CRC's Perma-Lock® 2-Way Integrated Actuator is the most secure top on the market. It prevents food contamination and guarantees a safe and hygienic use of H1 lubricants in all food processing areas.

**Locked in for safety:**

- Secure spray straw locks into place
- Fixed Perma-Lock® actuator
- Useful catch curb prevents dripping

**CRC Perma-Lock® system – You just can't lose!**



# HACCP

## HAZARD ANALYSIS CRITICAL CONTROL POINTS

**HACCP** is a preventive risk inventory program, developed for companies involved in manufacturing, processing, handling, packaging, distribution and shipment of food products (from raw materials and consumables to finished products). **HACCP** is not a manual as such, but an inspection program, that involves **7 principles** :

1. Systematic inventory of all potential hazards / risks.
2. Identification of the critical control points (CCP's) : points in a stage where the risk can be avoided or minimized.
3. Select critical barriers / indicative values and tolerated nonconformities per CCP.
4. Monitoring the CCP's.
5. Capture corrective actions to reinsure safety.
6. Set up verification procedures : repeated inspection to make sure the HACCP approach is working properly.
7. Update documentary system : handbook - recordkeeping.

### Origin

HACCP took its roots from US aerospace travel : overdue food products could not be returned to the factory to get fresh replacements. Possible failure of a high-priced mission through food intoxication would be an unacceptable risk.

### Goals

- To guarantee and improve food safety : this requires high priority and is maintained by determining and keeping under control the hazardous health risks in manufacturing and handling processes.
- Minimize the risks : this control program, originated by the European Union, is designed to constrain the potential food contamination risks (microbiological, chemical, physical) in all food processing areas.
- Consideration of hazard's frequency and severity rate (risk = probability × effect).
- Fast and efficient interference in case of contamination problems.

### Advantages

- Achieving a total quality management system.
- HACCP certificate: to be used as a quality standard.
- Manufacturer's actions are structurally monitored.
- Adequate hygienic working practices.
- Commercial advantage: this kind of food safety quality program is required by most customers.

### CRC & HACCP

CRC Industries Europe launches a complete range of NSF registered products.

- These products will support existing HACCP programs or help establishing a new HACCP system.
- We are able to supply the food processing industry with a full range of required NSF registered products.
- We offer a full documentation and product training.
- The unique color coding CRC developed, enables a better control of the critical control points in the production process.



# ENVIRONMENT

## ECO FRIENDLY PRODUCTS



### DEFINITION

The terms "ECO", "GREEN", "BIO" ...are often used referring to different kinds of products, but do not really have a clear, unmistakable meaning as long as these characteristic words do not get a legally binding definition.

In case of chemical products, proper registrations can only be provided through test analyses performed by internationally recognized testing laboratories.

### CRC'S APPROACH

CRC has chosen to apply for registration of these products in accordance with OECD test guidelines (Organisation for Economic Co-operation and Development).

Particularly for our investment in sustainable innovation and our concern for our consumer's health, CRC now offers a full range of high performance products which have a low impact on our environment. This range of products has been currently categorised into 2 levels:

### LEVEL 1



High level of biodegradability in accordance with the OECD 301B standard. Products meeting this standard will be labelled holding this logo. They will also carry the term "ECO" in their titles.

Biodegradation test OECD 301B

- A high concentration of the test material is mixed with a bacterial mixture and the ultimate degradation within 28 days period is evaluated based upon the CO<sub>2</sub> production. A product is considered "readily biodegradable" when 60% of the theoretical amount of CO<sub>2</sub> is produced within the 28-day period of the test.
- A negative result does not necessarily mean that the product will not be degraded under relevant environmental conditions. It is generally accepted that products reaching between 20 and 60% biodegradability can be considered as "inherently biodegradable".

### LEVEL 2



Environmentally preferred products.

Each product will meet a certain selection of ecological criteria: The total of general criteria and a minimum of 3 extra specific criteria (see right column).

### GENERAL CRITERIA (Exclusion Criteria)

1. Each formula will not contain:
  - Heavy metals such as mercury (Hg), lead (Pb), cadmium (Cd) etc. known for their toxicity and persistence in the environment. (ref 1)
  - Substances of Very High Concern (SVHC). (ref 2)
  - Substances with a Global Warming Potential > 150 such as HFC's. (ref 3)
  - RoHS listed substances. (ref 4)
  - Nitrites.
  - Aromatic hydrocarbons.
  - Chlorides & bromides.
  - Phosphates and Nonyl Phenols in case of cleaners.
2. Each formula will not be classified as "toxic or very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment".
3. Each formula will not be classified as "may cause sensitization by inhalation and skin contact".

### PRODUCT SPECIFIC CRITERIA (Inclusion Criteria)

Each formulation will meet a minimum of three of the following criteria (product category depended).

1. Main component is water or contains at least 50% renewable materials (ref 5). In case of lubricants the amount of renewable material is at least 70%, in case of greases at least 45%. (ref 6)
2. Formula contains less than 10 % Volatile Organic Components (VOC).(ref 7)
3. Ecological packaging. (ref 8)
4. For products listed as corrosion protection, provide a Salt Spray protection of at least 250 hours. (ref 9)
5. Inherently biodegradable according to OECD 302C\*. (ref 10)
6. Readily biodegradable according to OECD 301\*\*. (ref 11)
7. Meets the criteria of the European Eco-Label (see also [www.eco-label.com](http://www.eco-label.com)). (ref 12)

Ref 1. E. Lawrence, A. R. W. Jackson, J. M. Jackson (Eds). Longman Dictionary of Environmental Science. Addison Wesley Longman, Harlow (1998). Ref 2. Annex XV, Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restrictions on Chemicals Ref 3. Directive 2006/40/EC relating to emissions from air-conditioning systems in motor vehicles. Ref 4. Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. Ref 5. Commission decision 2005/360/EC establishing ecological criteria and the related assessment and verification requirements for the award of the Community eco-label to lubricants, Annex, paragraph 5 Ref 6. Commission Decision 2005/360/EC establishing ecological criteria and the related assessment and verification requirements for the award of the Community eco-label to lubricants, Annex, paragraph 5 Ref 7. Commission Decision 2005/344/EC establishing ecological criteria for the award of the Community eco-label to all-purpose cleaners and cleaners for sanitary facilities, Annex paragraph 8 - Volatile organic components with a boiling point lower than 150°C Ref 8. ecological packaging: Directive 94/62/EC on packaging and packaging waste. Ref 9. ASTM B117 Ref 10. inherently biodegradability (modified MITI test): OECD 302C Ref 11. readily biodegradability: OECD 301 (A-F) Ref 12. Commission decision 2005/360/EC for lubricants - Commission decision 2005/344/EC for cleaners


\*/ \*\* BIODEGRADATION = the breakdown of chemical substances by living organisms. The end result of biodegradation is often the complete conversion of organic substance to CO<sub>2</sub> and water.

\* INHERENT BIODEGRADABILITY (OECD 302): Test performed under more favourable conditions for biodegradation. Chemicals that pass an inherent biodegradability test are considered non-persistent, although the breakdown of the chemical in the environment may be slow.

\*\* READY BIODEGRADABLE (OECD 301): Test performed in most stringent test conditions. Chemicals that are shown to pass a ready biodegradability test rapidly degrade in wastewater treatment plants and in the natural environment.

# PRECISION

## DUST REMOVAL

|   |   |   |
|---|---|---|
|  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b></p> |  <p><b>NSF</b></p> |
| <b>DUST FREE 360 TURBO</b>  | <b>DUST FREE 360</b>  | <b>DUST CLEANER</b>   |
| Very powerful   | Powerful  | Powerful  |

## CLEANING OF LIGHT CONTAMINANTS

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b></p> |  <p><b>NSF</b></p> |  <p><b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b></p> |  <p><b>NSF</b></p> |  <p><b>NSF</b></p> |
| <b>FLATSCREEN CLEANER</b>   | <b>OXIDE CLEAN PLUS</b>   | <b>CONTACT CLEANER PLUS</b>   | <b>CONTACT CLEANER</b>  | <b>QD-CONTACT CLEANER</b>   | <b>N.F. ELECTRONIC CLEANER</b>  |
| Flatscreens   | Degreases, de-oxidizes + protects   | Degreases, de-oxidizes + protects<br>Non flammable  | Plastic safe: Yes   | Plastic safe: Yes   | Plastic safe: Yes<br>Non-Flammable  |

# HEAVY-DUTY

## INDUSTRIAL DEGREASERS

|   |   |  |   |  |
|---|---|--|---|--|
|  <p><b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b> <b>ECO</b></p> |  <p><b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b> <b>ECO</b></p> |
| <b>LECTRA CLEAN II</b>  | <b>INDUSTRIAL DEGREASER</b>   | <b>INDUSTRIAL ECO DEGREASER</b>  | <b>FAST DRY DEGREASER</b>   | <b>ECO COMPLEX BLUE</b>  |
| Very Powerful<br>Drying: Slow   | Powerful<br>Drying: Medium  | Powerful<br>Drying: Medium/Fast  | Plastic safe: Yes<br>Drying: Fast   | All type of surfaces   |

|  |   |  |
|--|---|--|
|  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b> <b>ECO</b></p> |  <p><b>NSF</b></p> |  <p><b>FOOD PROCESSING SAFE</b> <b>NSF</b> <b>ECO</b></p> |
| <b>ECO FOAM CLEANER</b>  | <b>PROFESSIONAL CLEANER</b>   | <b>INOX KLEEN</b>  |
| Vertical surfaces  | General cleaner   | Shine metals & protects  |

# HEAVY-DUTY

## INK, GLUE, PAINT, PLASTIC & OXIDE REMOVERS

|   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| <p><b>MOULD CLEAN</b></p>   | <p><b>POLYMER REMOVER</b></p>   | <p><b>GRAFFITI REMOVER</b></p>  | <p><b>LABEL OFF SUPER</b></p>   |
| <p>Plastic and polymer residues</p>   | <p>Plastic and polymer residues<br/>Very powerful gel</p>                         | <p>For ink &amp; paint</p>  | <p>For paper labels.</p>  |

|   |   |
|---|---|
|  |  |
| <p><b>INOX WELD KLEEN</b></p>   | <p><b>FERROKLEEN</b></p>  |
| <p>Pickling paste</p>   | <p>Removes oxides</p>   |

# HAND CLEANERS, WIPES AND DISINFECTANTS

## LIQUID SOAP

|   |   |
|---|---|
|  |  |
| <p><b>SUPER HANDCLEANER</b></p>   | <p><b>CITRUS HANDCLEANER</b></p>  |
| <p>Soft for the skin<br/>Tough with the contaminants</p>                            |   |

## WIPES

|  |   |
|--|---|
|  |  |
| <p><b>WIPES IND</b></p>  |   |
| <p>Skin care</p>   | <p>For heavy contaminants</p>   |

**MULTI PURPOSE**

## DISINFECTANTS

|   |   |
|---|---|
|  |  |
| <p><b>MULTI SURFACE CITRO CLEANER</b></p>   | <p><b>MULTI SURFACE CITRO COVKLEEN</b></p>  |
| <p>Cleans + &gt;80% alcohol<br/>Plastic compatibility: Yes</p>                      | <p>Cleans + disinfects<br/>Plastic compatibility: Yes</p>                           |

# CLEANERS - PRECISION

## DUST FREE 360 TURBO

Extremely powerful non flammable dust remover for all de-dusting applications.

CRC Dust Free 360 TURBO is a dry inert gas which leaves no residue and offers an extra strong output to remove more stubborn dirt on all kinds of surfaces.

### Benefits :

- Non-flammable for safe use (HFO propellant)
- Invertible: Can be used upside down
- Prevents errors & downtime
- Can be used in food processing areas
- Extension tube for hard to reach areas (15 cm)

### Applications :

- Electro-mechanical assemblies
- Electrical aggregates
- Electronic components
- Printed circuit boards
- Coin mechanisms
- Precision instruments

| Ref.  | SIZE           |
|-------|----------------|
| 33286 | Aerosol 250 ml |

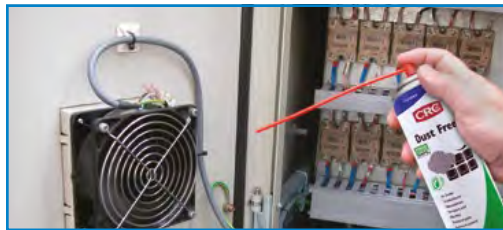


## DUST FREE 360

Non-flammable high pressure dust remover.

Efficient high pressure liquid gas that removes dust and cleans with a powerful jet of dry inert gas. It prevents errors, downtime and damage caused by microscopic dust. Leaves no residue or condensation. Designed for use as a cleaner for electrical or electronic equipment in food processing or non-processing areas.

| Ref.  | SIZE           |
|-------|----------------|
| 33158 | Aerosol 125 ml |
| 33114 | Aerosol 250 ml |



## DUST CLEANER

Flammable residue-free dust remover.

For use on electro-mechanical assemblies, electrical aggregates, electronic components, printed circuit boards, coin mechanisms and precision instruments. Clean, dry and non-oily. The CRC Dust Cleaner has no ozone depleting actions.

| Ref.  | SIZE           |
|-------|----------------|
| 32613 | Aerosol 500 ml |





# DUST FREE 360 TURBO

THE HURRICANE IN A CAN



[www.crcind.com](http://www.crcind.com)



# CLEANERS - PRECISION

## FLATSCREEN CLEANER

Safe cleaning of all flat screen types, LCD or TFT displays and scanner glass.

Stable foam formulation that does not run or drip off. Will quickly remove numerous different types of soiling and contamination of touch screens and displays. Suitable for use on a wide variety of hard surfaces throughout industries.



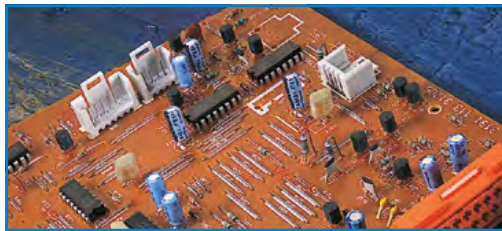
| Ref.  | SIZE           |
|-------|----------------|
| 32221 | Aerosol 500 ml |



## OXIDE CLEAN PLUS

2 in 1 : Cleaner and lubricant for all types of high security contact treatment.

The non-flammable product allows usage even while the to be treated surface is under electrical tension. Quickly penetrates, removes oxides and deposits and loosens the contacts. Lubricates contact surfaces and provides optimum flow of electric current. Very safe to use thanks to its non-flammable mixture, eliminates the risk of arcing and leakage. After evaporation, Oxide Clean Plus restores the electrical flow and leaves a protective film.



| Ref.  | SIZE           |
|-------|----------------|
| 33192 | Aerosol 250 ml |



## CONTACT CLEANER

Effective precision cleaner.

Residue-free contact cleaner for use on PCB's and electronic equipment. Fast drying. Not for use on energized equipment. Developed for use as a cleaner for electrical or electronic equipment in food processing or non-processing areas.



| Ref.  | SIZE           |
|-------|----------------|
| 32662 | Aerosol 250 ml |
| 12101 | Aerosol 500 ml |





**CONTACT CLEANER PLUS**

Cleaning, de-oxidation, lubrication and protection of electrical contacts.

Safe on plastic and rubber. CRC Contact Cleaner Plus provides long lasting lubrication which is safe to use on all metal surfaces, most rubbers, plastics and coatings. Contact Cleaner Plus is non corrosive. It also has a no ozone depleting action.



| Ref.  | SIZE           |
|-------|----------------|
| 32704 | Aerosol 250 ml |
| 32180 | Aerosol 500 ml |

**QD-CONTACT CLEANER**

Quick drying solvent cleaner for light contaminants on electric or electronic parts.

Also compatible with sensitive plastics. Quick drying solvent blend for the cleaning of electronic equipment. It provides a suitable precision cleaning action for sensitive electronic and electrical components without risk of costly damage. CRC QD-Contact Cleaner is a stable, inert, high purity solvent cleaner; formulated for applications where lower flash point solvents may be used and where sensitive plastics are involved.

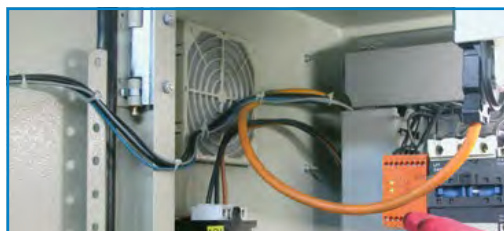


| Ref.  | SIZE           |
|-------|----------------|
| 32671 | Aerosol 250 ml |
| 32429 | Aerosol 500 ml |

**N.F. ELECTRONIC CLEANER**

Non-flammable solvent cleaner for light contaminants on electrical or electronic parts.

A unique non-flammable precision cleaner suitable for cleaning and degreasing all types of electrical and electronic components where a shutdown is either impossible or very expensive. CRC N.F. Electronic Cleaner is free of chlorinated solvents, CFC's and HCFC's; solvent based, non-flammable, dries fast.



| Ref.  | SIZE           |
|-------|----------------|
| 33116 | Aerosol 250 ml |

# CLEANERS - INDUSTRIAL DEGREASERS

## LECTRA CLEAN II

Solvent cleaner with high flashpoint for heavy contaminants on mechanical parts.

Heavy-duty cleaner with a high flashpoint of over 60°C for improved application safety. The extended drying time allows the product to act during a longer period and to dissolve heavy contaminations. Suitable for use in dip baths and ultrasonic dip tanks.

| Ref.  | SIZE           |
|-------|----------------|
| 30449 | Aerosol 500 ml |
| 10314 | Bulk 5 L       |
| 10315 | Bulk 20 L      |
| 30450 | Bulk 200 L     |

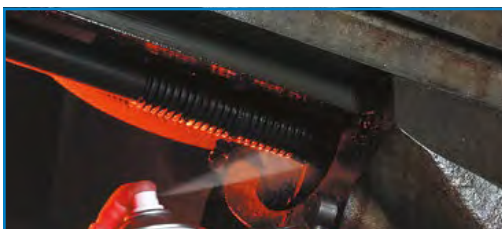


## INDUSTRIAL DEGREASER

Solvent cleaner for heavy contaminants on mechanical parts.

Powerful, fast evaporating cleaner with a flash point of 25°C. Removes greases, oil, lubricants, non-cured adhesives and dirt from equipment, machines and metal parts. When applying to large surfaces or in dip baths, ensure explosion prevention. Test on plastics before use.

| Ref.  | SIZE           |
|-------|----------------|
| 10321 | Aerosol 500 ml |
| 10325 | Bulk 5 L       |
| 10326 | Bulk 20 L      |



## INDUSTRIAL ECO DEGREASER

Fast drying solvent cleaner, for dissolving heavy contaminants in food processing areas.

A solvent blend designed for use in the food industry; NSF A8,C1 registered. The flash point is 40°C for safe application. Dissolves grease, oil, lubricants, and non-cured adhesives.

| Ref.  | SIZE           |
|-------|----------------|
| 33344 | Aerosol 500 ml |
| 33345 | Bulk 5 L       |
| 33348 | Bulk 20 L      |

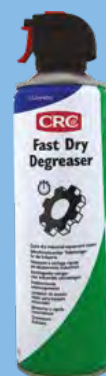


## FAST DRY DEGREASER

Fast drying solvent cleaner for heavy contaminants on mechanical parts, suitable for most plastics.

- Effectively removes all types of dirt, oil, grease and industrial dirt
- A very quick drying cleaner and leaves no residue after cleaning
- The sprayer is equipped with a comfortable gun spray head
- Has a high level of compatibility with materials
- Thanks to its high degreasing effect, it is particularly recommended for cleaning before gluing or painting.
- Spray head with 360 ° spray technology: easy to use even in hard to reach places
- Low flash point for better safety reducing working time

| Ref.  | SIZE           |
|-------|----------------|
| 10227 | Aerosol 500 ml |
| 10230 | Bulk 5 L       |
| 10233 | Bulk 20 L      |
| 33262 | Bulk 60 L      |
| 31927 | Bulk 200 L     |



## ECO COMPLEX BLUE

Non-flammable, slow drying water based cleaner for heavy contaminants in food processing areas.

A water based degreaser for use in the food industry; NSF A1 registered. It exists in concentrated and ready to use form for increased convenience and economy. Excellent product for use in dip tanks, pressure washer, ultrasonic and steam cleaning equipment. Dilute according to information on the datasheet. Safe on plastics. Rinse with water after application. Readily biodegradable concentrate according to OECD 301B:>64%.

| Ref.  | SIZE               |
|-------|--------------------|
| 10286 | Handsprayer 750 ml |
| 10282 | Bulk 5 L           |
| 12127 | Bulk 5 L + Sprayer |
| 20123 | Bulk 20 L          |
| 30431 | Bulk 200 L         |



## ECO FOAM CLEANER

Non-flammable, slow drying water based cleaner, suitable for removing heavy contaminants in vertical applications in food processing areas.

A concentrated, water based degreaser for use in the food industry; NSF A1 registered. The stable, non-dripping foam formula ensures a long contact with the contamination, especially on vertical surfaces. Rinse with water after application. Readily biodegradable according to OECD 301B: 64%.

| Ref.  | SIZE           |
|-------|----------------|
| 10278 | Aerosol 500 ml |



## PROFESSIONAL CLEANER

General cleaner for use in general engineering for fast results.

For precision work and re-assembling of new parts, use fast dry degreaser.

| Ref.  | SIZE           |
|-------|----------------|
| 33364 | Aerosol 500 ml |



## INOX KLEEN

Water based, foaming cleaner for degreasing and cleaning shiny metal surfaces.

CRC Inox Kleen is NSF A7,C1 registered for use in the food industry. It eliminates fingerprints, watermarks, dust and dirt from stainless steel. It leaves a protective non-greasy barrier for a long-term original aspect and provides metal surfaces with a long-term staining and contamination resistance. CRC Inox Kleen is also suitable for aluminum, chrome and most plastics (test prior to use).

| Ref.  | SIZE           |
|-------|----------------|
| 20720 | Aerosol 500 ml |



# CLEANERS - INK, GLUE, PAINT, PLASTIC & OXIDE REMOVERS

## LABEL OFF SUPER

Label remover.

Solvent mixture, free of CFC's and HCFC's. Removes self-adhesive paper labels from most surfaces in 2-3 minutes after wetting (test on plastics prior to use). NSF listed as an adhesive and glue remover (NSF K3).

| Ref.  | SIZE           |
|-------|----------------|
| 32668 | Aerosol 250 ml |
| 32314 | Aerosol 400 ml |



K3

## INOX WELD KLEEN

Restores the original characteristics of Stainless Steel after welding.

CRC Inox Weld Kleen is a pickling paste that restores the original characteristics of stainless steel after welding or heat treatment. Degreasing, cleaning, pickling and passivating of austenitic and duplex stainless steel 303, 304, 316, ..., nickel and aluminum. Fast-working, very efficient, economical and practical to use.

| Ref.  | SIZE      |
|-------|-----------|
| 30379 | Bulk 2 Kg |

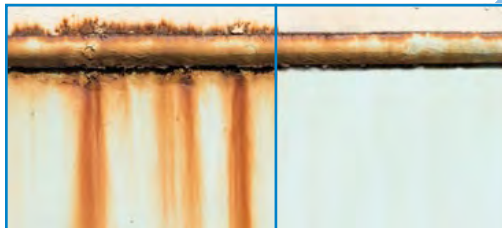


## FERROKLEEN

Cleans painted and bare metal surfaces contaminated with rust, lime, algae, oils and tar.

Takes rust and rust stains on painted or plastic surfaces away. Effective against a wide range of scales. Non flammable. Slightly foaming. Composed of > 90% anorganic components and biodegradable organic components. Not classified as dangerous for the aquatic environment.

| Ref.  | SIZE       |
|-------|------------|
| 30112 | Bulk 1 kg  |
| 30089 | Bulk 5 kg  |
| 30199 | Bulk 20 kg |



## MOULD CLEAN

### General cleaner for mould tools

A powerful solvent blend formulated to remove a wide range of common soiling from moulds, tools and dies.

- Quickly and easily removes oils, grease, old protective films
- Perfect for removing old release agents. Takes away old build ups in the mould
- Leaves a clean, dry and residue free surface
- Dissolves residues of polymers



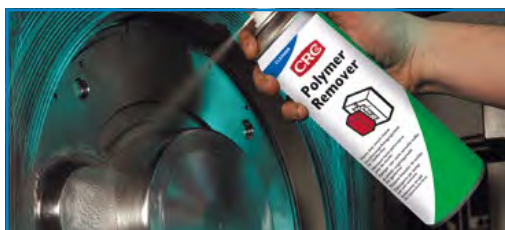
| Ref.  | SIZE           |
|-------|----------------|
| 32840 | Aerosol 500 ml |

## POLYMER REMOVER

### Heavy duty mould cleaner

Highly effective and powerful solvent blend developed for use on heavily soiled moulds and dies to remove a variety of moulding deposits.

- Foaming action which clings to the mould surface and facilitates a good contact with the contamination
- Removes: plastics, rubbers and resin residues, even when carbonized
- Thixotropic formulation for maximum efficiency, even on vertical surfaces
- Leaves a clean and dry surface after application



| Ref.  | SIZE           |
|-------|----------------|
| 32961 | Aerosol 400 ml |

## GRAFFITI REMOVER

### Removes all traces of paint and ink.

Dissolves and loosens unwanted paint and inks from aerosols, pens and markers. Safe to be used on most substrates. In case of doubt, test prior to application. Prevents damage to the original surface due to excessive scratching. Does not leave an acid or alkaline residue, which could damage concrete, plaster or cement.



| Ref.  | SIZE           |
|-------|----------------|
| 20717 | Aerosol 400 ml |

# CLEANERS - HANDCLEANERS & WIPES

## SUPER HANDCLEANER

Handcleaner for heavily contaminated hands.

Contains beside the mild solvents and biodegradable surfactants, also small friction parts from natural sources. Very effective on grease, carbon and most stubborn contaminations.



| Ref.  | SIZE        |
|-------|-------------|
| 30675 | Tube 150 ml |
| 30676 | Bulk 2,5 L  |

## CITRUS HANDCLEANER

Professional solvent-free hand cleaner with Aloe Vera, Jojoba and an environmentally friendly abrasive.

Mild for the skin. Fresh fragrance. Removing easily: lubricants, grease, tar, brake fluids and bitumen.

Integrated pump



| Ref.  | SIZE       |
|-------|------------|
| 32321 | Bulk 3,8 L |

## WIPES IND

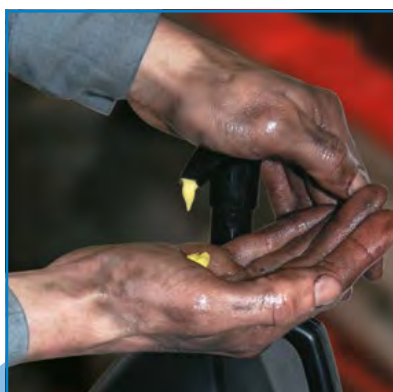
Multipurpose industrial strength cleaning wipes.

Removes oil, grease, paint, ink and adhesives of different surfaces. The textured side of the wipe will gently but efficiently remove all contamination. The smooth side of the wipe will effectively retain contamination.

High absorbency cleaning wipes layered with an effective polymer web to give all the cleaning power of pumice without the scratching. Highly effective on a range of soiling types adhesives, tar, bitumen, resins, silicone grease, oils, petrochemicals, paints, and more. Cleaner and towel together in one convenient wipe. Contains skin conditioner to replace natural oils removed in cleaning. No contamination from heavy perfumes.



| Ref.  | SIZE             |
|-------|------------------|
| 20246 | Tub 50 wipes     |
| 12006 | Bucket 100 wipes |



## MULTI SURFACE CITRO CLEANER

Multi-functional cleaner & contaminant remover 2 in 1

Multi-Surface Citro Cleaner is a powerful, versatile, professional grade, extremely high alcohol content spray for cleaning and eliminating contamination from all common surfaces. It has been formulated specifically for use on high touch-point surfaces such as work benches, tool cases, tools, and as a general workplace cleaner. It quickly removes grime, dirt, oils, viruses, bacteria and germs from most surfaces, including metal, stone, fabrics and most plastics.

| Ref.  | SIZE           |
|-------|----------------|
| 33343 | Aerosol 500 ml |
| 33361 | Bulk 5 L       |



## MULTI SURFACE CITRO COVKLEEN

Multi-functional cleaner & disinfectant 2 in 1

Multi-Surface Citro COVKleen is a powerful, versatile, professional grade, extremely high alcohol content spray for cleaning and disinfecting all common surfaces. It has been formulated specifically for use on high touch-point surfaces such as work benches, tool cases, tools, and as a general workplace cleaner. It quickly removes grime, dirt, oils, viruses, bacteria and germs from most surfaces, including metal, stone, fabrics and most plastics.

| Ref.  | SIZE           |
|-------|----------------|
| 33342 | Aerosol 500 ml |



# LUBRICANTS

## CUTTING & DRILLING

### CUTTING


|   |   |   |
|---|---|---|
|  |  |  |
| SUPERCUT  | ECO SUPERCUT  | LUB 21  |

### THREADING

|   |   |
|---|---|
|  |  |
| SUPER TAPPING FLUID   | SUPER TAPPING COMPOUND  |

## OILS

### WOOD

|   |
|---|
|  |
| WOOD GLIDER   |

### METAL

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| 3-36  | 5-56 + PTFE   | POWER LUBE  | ROST FLASH   |

### METAL

|   |   |   |
|---|---|---|
|  |  |  |
| RUST OFF IND  | PEN OIL   | ECO PEN OIL   |

### PLASTIC SAFE

|   |  |   |
|---|--|---|
|  |  |  |
| SILICONE IND  | SILICONE   | SILICONE EXTRA  |

### WIRES

|   |
|---|
|  |
| WIRE ROPE LUBE  |

### SPINDLES & SLIDES

|   |
|---|
|  |
| SLIDEWAY OIL  |

### MULTIPURPOSE

|   |
|---|
|  |
| MULTI OIL   |

### CHAINS

|   |   |   |
|---|---|---|
|  |  |  |
| CHAIN LUBE  | CHAIN LUBE IND  | HIGH SPEED CHAIN OIL  |

## DRY LUBRICATION

### METAL & PLASTICS

|   |
|---|
|  |
| DRY LUBE  |

### FOOD PROCESSING AREAS

|   |
|---|
|  |
| DRY LUBE-F  |

### HIGH PRESSURE HIGH TEMPERATURE

|   |
|---|
|  |
| DRY MOLY LUBE   |



## GREASES

### MULTIPURPOSE



MULTI GREASE

ECO MULTI GREASE

FOOD GREASE

### HIGH LOADS



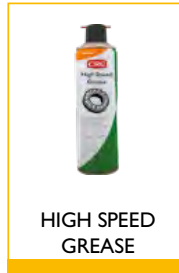
SUPER LONGTERM GREASE

### ADHESIVE



SUPER ADHESIVE GREASE

### HIGH SPEED



HIGH SPEED GREASE

### SILICONE BASED



SILICONE GREASE

### EXTREME PRESSURE



WHITE LITHIUM GREASE

EXTREME LUBE

SYNTHETIC GREASE

EP FOOD GREASE

### HIGH TEMPERATURE



HI-TEMP FOOD GREASE

HIGH TEMP GREASE

## PASTES

### METAL BASED



COPPER PASTE

### CERAMIC BASED



CERAMIC PASTE

### ASSEMBLY



GRAPHITE ASSEMBLY PASTE

ASSEMBLY PASTE

### ROUGH TREADED AND SLIDING STEEL



ALU PASTE

## POLYMER PROCESSING



TRIFLOW

EJECTOR LUBE



# LUBRICANTS - CUTTING FLUIDS

## SUPERCUT

Low viscous cutting liquid for normal, metal cutting operations.

Non-chlorinated, high performance cutting liquid. Reduces heat created by friction, cools by transferring heat away from cutting tools and removes shavings out of the cutting area. Increases the tool life considerably and protects freshly machined parts from rusting.

| Ref.  | SIZE           |
|-------|----------------|
| 32687 | Aerosol 250 ml |
| 32210 | Aerosol 400 ml |
| 30353 | Bulk 1L        |
| 20457 | Bulk 5 L       |
| 30354 | Bulk 20 L      |



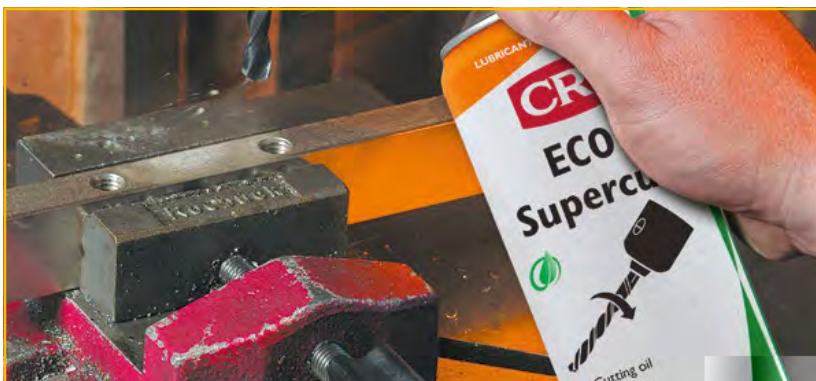
## ECO SUPERCUT

Biodegradable cutting oil.

Natural straight oil, free of chlorine, for cutting operations in ferro, non-ferro and aluminium. Cools by transferring heat away from cutting tools, reduces heat created by friction and removes shavings out of the cutting area. Protects freshly machined parts from rusting and increases the tool life considerably. Readily biodegradable according to OECD 301B: 87%.



| Ref.  | SIZE           |
|-------|----------------|
| 31911 | Aerosol 500 ml |



## LUB 21

Semi-synthetic cutting fluid for cutting and rectification operations on all kinds of metals (steel, copper, aluminum, stainless steel, etc. ).

This cutting fluid provides a significant extension of the life time of cutting tools and gives a superb anti-corrosion coating to the machined parts. The cuttings are evacuated more easily. Compared to traditional fluids, CRC LUB 21 has a considerable extended life time.

| Ref.  | SIZE      |
|-------|-----------|
| 20248 | Bulk 5 L  |
| 30405 | Bulk 25 L |



## SUPER TAPPING FLUID

High viscous cutting liquid for extreme metal tapping operations.

Non-chlorinated, high performance tapping fluid. Designed for high-pressure applications. Reduces heat created by friction, cools by transferring heat away from cutting tools and removes shavings out of the cutting area. Increases the tool life considerably and protects freshly machined parts from rusting.

| Ref.  | SIZE           |
|-------|----------------|
| 32686 | Aerosol 250 ml |
| 30398 | Bulk 1L        |
| 20552 | Bulk 5 L       |



## SUPER TAPPING COMPOUND

Specialist metal cutting compound.

CRC Super Tapping Compound is an instant, ready-to-use metal machining compound with excellent high cling and extreme pressure resistance properties. It provides an extreme-pressure resistant, tenacious film between the tool cutting edge and the work piece, ensuring an excellent surface finish and an extended tool life.

| Ref.  | SIZE       |
|-------|------------|
| 30706 | Bulk 500 g |



## WOOD GLIDER

Improves the sliding of unprocessed wood on working tables of wood processing machines.

Colorless product without silicones. Produces a very low coefficient of friction. Suitable for all wood types. Safe on all metal surfaces, does not stain. Can be used on plastic drives and sliding mechanisms, guide rails, working and positioning tables of all wood working machines.

| Ref.  | SIZE           |
|-------|----------------|
| 32244 | Aerosol 400 ml |



## 3-36

Light lubricating oil, good penetration for general use.

A universal lubricating oil with excellent penetrating properties. Suitable as multipurpose lubricant for simple applications. Gives also a good corrosion protection for indoor stored parts.

| Ref.  | SIZE           |
|-------|----------------|
| 32673 | Aerosol 250 ml |
| 10110 | Aerosol 500 ml |
| 10114 | Bulk 5 L       |
| 30362 | Bulk 20 L      |
| 30364 | Bulk 200 L     |



## 5-56 + PTFE

Multifunctional service spray for use in the professional mechanical maintenance.

Contains PTFE for an extended lubrication function under industrial conditions. Performs extremely well when frequent start, stop or alternating movements occur. Displaces moisture and prevents electrical failure. Provides a good protection against corrosion. Ultimate penetration capacity for de-blocking threaded connections or clamped metal surfaces. Cleans and protects surfaces contaminated by machining or handling.

| Ref.  | SIZE                        |
|-------|-----------------------------|
| 32703 | Aerosol 250 ml              |
| 33199 | Aerosol 500 ml Clever-Straw |
| 32550 | Bulk 5 L                    |



## POWER LUBE

Light lubrication oil with PTFE, for frequent start-up situations.

Superior lubricant for universal use, containing PTFE. Provides a long-lasting protection against wear, friction and corrosion.

| Ref.  | SIZE           |
|-------|----------------|
| 32648 | Aerosol 500 ml |

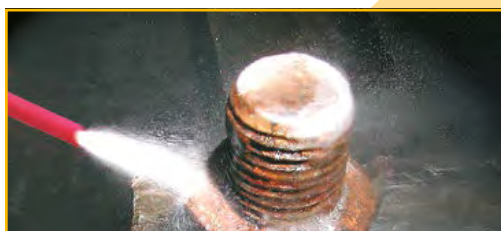


## ROST FLASH

Rust loosener with freeze shock effect.

When sprayed onto a rusted nut bolt connection, the rust cools down (-40°C) and cracks, leaving small fissures. The active liquid will rapidly penetrate into those small openings and blocked parts are separated easily. CRC Rost Flash loosens all kinds of threaded parts, hinges and sliding parts. Free of silicones and acids.

| Ref.  | SIZE           |
|-------|----------------|
| 10864 | Aerosol 500 ml |



**RUST OFF IND**

A penetrating oil that quickly frees and lubricates seized mechanisms. Quickly penetrates through corrosion and soil. Frees seized and rusted bolts, nuts and other metal components. Leaves a lubricating MoS<sub>2</sub> film.

| Ref.  | SIZE           |
|-------|----------------|
| 32688 | Aerosol 250 ml |
| 30507 | Aerosol 500 ml |



**PEN OIL**

A penetrating oil that quickly frees and lubricates seized mechanisms. Quickly penetrates through corrosion and soil. Frees seized and rusted bolts, nuts and other metal components. Especially designed for use in the food industry. NSF H1 registered.

| Ref.  | SIZE           |
|-------|----------------|
| 32606 | Aerosol 500 ml |



**ECO PEN OIL**

A biodegradable penetrating oil. Lubricates and frees seized and rusted metal parts (bolts, screws,...). Facilitates dismantling. Penetrates easily through corrosion and soil. Readily biodegradable according OECD 301B: 89%.

| Ref.  | SIZE           |
|-------|----------------|
| 31909 | Aerosol 500 ml |



**SILICONE IND**

Synthetic lubricating oil, suitable for plastic drives and applications at high temperatures. Superior synthetic lubricant with a premium grade high quality silicone. CRC Silicone IND exhibits superior lubrication and temperature/viscosity characteristics. Reduces friction and noise on non-metal parts.

| Ref.  | SIZE           |
|-------|----------------|
| 32635 | Aerosol 500 ml |
| 30053 | Bulk 5 L       |

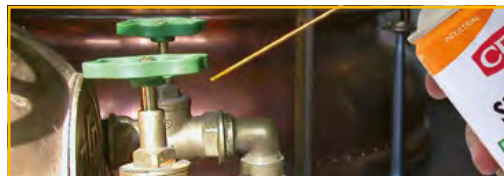


**SILICONE**

Food Processing Safe, synthetic lubricating oil, suitable for plastic drives and applications at high temperatures.

Superior synthetic lubricant with a premium grade high quality silicone. CRC Silicone exhibits superior lubrication and temperature/viscosity characteristics. NSF H1 registered. It reduces friction and noise on non-metal parts, throughout the food industry.

| Ref.  | SIZE           |
|-------|----------------|
| 31262 | Aerosol 500 ml |
| 32679 | Bulk 5 L       |



**SILICONE EXTRA**

Multi-use synthetic lubricant. CRC Silicone Extra is based on a blend of high quality, stable silicone oils, ensuring superior lubrication and reducing friction in most metal and non-metal applications. It provides also excellent separation and release properties.

| Ref.  | SIZE           |
|-------|----------------|
| 30769 | Aerosol 500 ml |
| 10529 | Bulk 5 L       |



## WIRE ROPE LUBE

Heavy-duty lubricant.

Formulated to provide protection and lubrication under all operating conditions. The product penetrates deeply for internal protection of wire ropes, racks and pinions, crown wheels and cams, driving mechanisms in the construction, shipyard, docks and marine, quarrying, heavy engineering, automotive and manufacturing industries.



| Ref.  | SIZE           |
|-------|----------------|
| 32334 | Aerosol 500 ml |



## SLIDEWAY OIL

Low viscosity oil for high speed spindle and slide ways lubrication.

Low viscosity, good affinity to metals, excellent water resistance, reduces stick and slip problems, high load capacity, thin durable lubricating film.

Applications:

Guide rails, adjustment mechanisms, ball-joints, rotating positioning surfaces.



| Ref.  | SIZE           |
|-------|----------------|
| 32146 | Aerosol 500 ml |



## MULTI OIL

Food Processing Safe, light multipurpose oil for general use.

Extremely efficient and effective general-purpose lubricant, for use in the food industry. CRC Multi Oil is NSF H1 registered, exhibits an excellent penetrating ability and loosens rust, scale, dirt and corrosion.



| Ref.  | SIZE           |
|-------|----------------|
| 32605 | Aerosol 500 ml |
| 20157 | Bulk 5 L       |



**CHAIN LUBE**

Food Processing Safe, heavy lubricating oil for driving and transport chains.

High performance, foaming lubricant, containing PTFE. CRC Chain Lube is compatible with o-rings, highly resistant to splash water and prevents corrosion to occur. The properties and the NSF H1 registration make the product an excellent lubricant for chains in the food industry.



| Ref.  | SIZE           |
|-------|----------------|
| 33236 | Aerosol 500 ml |
| 30033 | Bulk 5 L       |

**CHAIN LUBE IND**

Heavy lubricating oil for driving and transport chains.

High performance, foaming lubricant containing PTFE. CRC Chain Lube IND is compatible with o-rings, highly resistant to splash water and prevents corrosion to occur. An excellent lubricant for chains in an industrial environment.



| Ref.  | SIZE           |
|-------|----------------|
| 33237 | Aerosol 500 ml |

**HIGH SPEED CHAIN OIL**

Water resistant chain lubricant.

A specially formulated blend of high quality mineral and synthetic oils, anti-oxidation and antiwear additives, friction modifiers and tackiness agents. Penetrates deeply into vital chain pin and bushing areas, then sets to form an adhering, long lasting lubricating film. Designed even for highly loaded fast running chains used in corrosive, high power and shock load conditions. Resists hot and cold water wash-off and high rpm sling-off. Reduces friction, wear, noise and vibration. Extends the chain life and is O-ring compatible. Harmless to metals, most plastics and rubbers.



| Ref.  | SIZE           |
|-------|----------------|
| 32347 | Aerosol 500 ml |



# LUBRICANTS – DRY

## DRY LUBE

PTFE lubricant for dry lubrication and use on plastic friction points.

CRC Dry Lube is a fast drying dispersion of white, waxy PTFE particles, leaving a dry lubricating film on the surface. The product exhibits outstanding anti-stick and release properties. As a lubricant, it is most effective at reduced speeds and low loads.



| Ref.  | SIZE           |
|-------|----------------|
| 30520 | Aerosol 500 ml |



## DRY LUBE-F

PTFE lubricant for dry lubrication and use in food processing areas.

Grease- and oil-free lubricant for the lubrication of plastic, rubber or metal surfaces. Clean, dry and not sticky. Temperature resistance up to 250°C. As a lubricant, CRC Dry Lube-F is most effective where low speeds and light loads are involved. Recommended for use as a lubricant in food processing areas where incidental food contact may occur. NSF H1 registered.

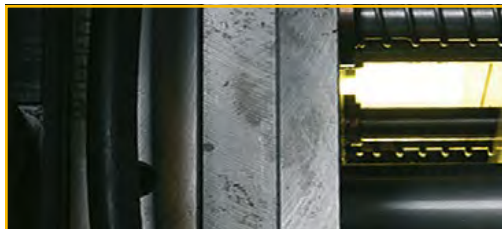


| Ref.  | SIZE           |
|-------|----------------|
| 32602 | Aerosol 500 ml |



## DRY MOLY LUBE

High pressure resistant, dry MoS<sub>2</sub> film for metal-to-metal lubrication where a wet film cannot be tolerated. High temperature resistance. Reduces stick and slip problems. Displaces and seals out water and moisture. General corrosion protection. Prevents seizing and fretting. Produces a very low coefficient of friction.



| Ref.  | SIZE           |
|-------|----------------|
| 32660 | Aerosol 500 ml |





## MULTI GREASE

Lithium EP grease for general purpose.

An EP (extreme pressure)-lithium soap-based grease for rolling-element and sliding-contact bearings in all usual speed ranges. The chemically acting EP additives make the grease suitable for applications in which impact loads and vibrations occur.

| Ref.  | SIZE            |
|-------|-----------------|
| 30566 | Tube 100 ml     |
| 30567 | Cartridge 400 g |
| 30568 | Bulk 1 kg       |
| 30569 | Bulk 5 kg       |



## ECO MULTI GREASE

An EP biodegradable multipurpose grease with a synthetic ester oil and environment friendly additives.

Excellent mechanical stability and water resistance offering good anti corrosion properties. Extreme pressure and antiwear properties without toxic additives. Wide operating temperature range : - 40°C + 150°C, also adapted for high speed applications. The product is suited for bearings, joints and general lubrication (wheel bearings, roller bearings, joints and lubrication of any mechanical parts, farming equipment and off-road vehicles).

| Ref.  | SIZE           |
|-------|----------------|
| 31912 | Aerosol 500 ml |



## FOOD GREASE

Multipurpose grease for food processing equipment.

Long-term lubrication on food processing equipment where incidental food contact may occur. CRC Food Grease is NSF H1 registered for use in the food industry and can be applied on all metal constructions used in the food industry: hinges, valves, chains, gears, joints, ...

| Ref.  | SIZE                    |
|-------|-------------------------|
| 32317 | Aerosol 500 ml          |
| 20158 | Cartridge 400 ml (380g) |
| 10291 | Bulk 1 kg               |
| 30438 | Bulk 20 L               |



## EP FOOD GREASE

Synthetic bearing grease for food processing equipment.

-30°C to +160°C. Provides long-term lubrication with extreme pressure resistance. NLGI classification 2. Protects against corrosion in wet or saturated environments. Excellent extreme pressure performance. Extends lubrication intervals and working life of components. NSF H1 listed for use as a lubricant in food processing areas where incidental food contact may occur.

| Ref.  | SIZE            |
|-------|-----------------|
| 32457 | Cartridge 400 g |



## HITEMP FOOD GREASE

High temperature synthetic bearing grease for food processing equipment.

-40°C to +180°C. Provides long-term high temperature. NLGI classification 2. Protects against corrosion in wet environments. Contains PTFE to improve anti-wear performance. Extends lubrication intervals and working life of components. Advised for use as a lubricant in food processing areas where incidental food contact may occur. NSF H1 registered.



| Ref.  | SIZE                    |
|-------|-------------------------|
| 32889 | Cartridge 400 ml (380g) |



## HIGH TEMP GREASE

Lithium EP grease for low speed, high load applications with exposure to high temperatures.

-30°C to +200°C. Recommended on bearings of electric motors.



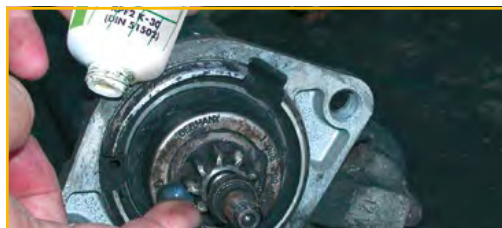
| Ref.  | SIZE            |
|-------|-----------------|
| 30570 | Tube 100 ml     |
| 30572 | Cartridge 400 g |
| 30573 | Bulk 1 kg       |



## SUPER LONGTERM GREASE

Lithium EP grease with MoS<sub>2</sub> for low speed, high load applications.

This grease retains its lubricating properties under high surface pressure and impact loads.



| Ref.  | SIZE            |
|-------|-----------------|
| 30565 | Tube 100 ml     |
| 30576 | Cartridge 400 g |
| 30578 | Bulk 1 kg       |



## SUPER ADHESIVE GREASE

Lithium EP grease for low speed, high load applications with occasional exposure to splash water. When vibrations, oscillating movements and impact loads occur under outdoor conditions. The good sticking property allows vertical or overhead applications. Temperature range : -30°C to +140°C.



| Ref.  | SIZE            |
|-------|-----------------|
| 30585 | Tube 100 ml     |
| 30587 | Cartridge 400 g |
| 30589 | Bulk 1 kg       |



## HIGH SPEED GREASE

Synthetic lithium complex grease for very high speed applications, even at low temperatures. Designed for applications with a high speed factor. Excellent water resistance. Non corrosive. Very good oxidation stability. Extreme high dn-value. Low start torque. Fast accelerations possible. Enables fast response times. Allows start ups at extreme low temperatures.

### Applications:

Spindle, linear bearings. Slides, fans, pumps, adjustment mechanisms, assembly of packings.



| Ref.  | SIZE           |
|-------|----------------|
| 32142 | Aerosol 500 ml |

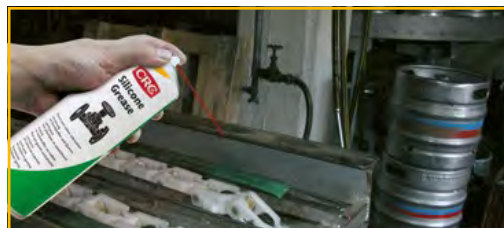


## SILICONE GREASE

Seals valve seats from an aggressive environment. Allows smooth assembly of elastomeric packing's and seals. CRC Silicone Grease forms a colourless, non-hardening film which eliminates squeaking, binding and sticking. Protects metal, alloys, plastics and rubbers.



| Ref.  | SIZE           |
|-------|----------------|
| 32717 | Syringe 10 g   |
| 32086 | Tube 100 ml    |
| 30724 | Aerosol 400 ml |



## WHITE LITHIUM GREASE

Lithium complex grease with PTFE for low speed and high load applications.

A high purity NLGI 2 white, lithium based grease with an advanced additive package including PTFE for superior lubrication. CRC White Lithium Grease has a smooth consistency for optimum surface coverage.



| Ref.  | SIZE           |
|-------|----------------|
| 30515 | Aerosol 500 ml |

## EXTREME LUBE

High pressure lubricant.

Synthetic NLGI 2 grease, highly charged with extreme pressure additives. Highly stable with long service life. Excellent water resistance. Functional over a wide temperature range: -40 °C to 180 °C. Provides long-lasting lubrication. Safe on most rubbers, plastics and coatings. Contains corrosion inhibitor. Very good oxidation stability. Acts like an oil, sets like a grease.

NSF H1 registered.



| Ref.  | SIZE            |
|-------|-----------------|
| 32603 | Aerosol 500 ml  |
| 30088 | Cartridge 400 g |

## SYNTHETIC GREASE

Multifunctional, synthetic, high performance general purpose grease.

Applicable like an oil and sets as a grease. Excellent water resistance, contains a corrosion inhibitor. Functional over a broad temperature range. Provides long-term lubrication with very good stability to oxidation. Safe on most rubbers, plastics and coatings.



| Ref.  | SIZE           |
|-------|----------------|
| 32637 | Aerosol 500 ml |

## COPPER PASTE

Paste with copper particles for heavy loads at start-up situations.

Also acts as anti-seize. Contains micronized copper powder; anti-oxidant and anti-wear additives. Prevents metal-to-metal contact, seizing, galling and fretting corrosion, especially on sliding bearings.

| Ref.  | SIZE           |
|-------|----------------|
| 10690 | Tube 100 ml    |
| 32684 | Aerosol 250 ml |
| 32340 | Aerosol 500 ml |
| 10699 | Bulk 500 g     |



## CERAMIC PASTE

Ceramic paste for heavy loads and high temperatures during start-up conditions.

Also acts as anti-seize. A ceramic separating and mounting paste for applications from -40°C to +1.400°C. Preventing metal-to-metal contact as cause for seizing, galling and fretting corrosion, during heavy start-up conditions or high temperature application.

| Ref.  | SIZE           |
|-------|----------------|
| 30344 | Tube 100 g     |
| 32690 | Aerosol 250 ml |
| 32351 | Aerosol 500 ml |
| 32322 | Bulk 500 g     |



## GRAPHITE ASSEMBLY PASTE

Assembly paste with solid graphite particles and MoS<sub>2</sub> for easy assembly and smooth start-up situations.

Has a good affinity to metals and resists high pressure and elevated temperatures (+650°C). Excellent water resistance. Does not run or drip off, prevents seizing and fretting. High EP (Extreme Pressure)- and anti-wear properties. Produces a very low coefficient of friction. Reduces stick and slip problems and provides long lasting lubrication.

| Ref.  | SIZE           |
|-------|----------------|
| 32639 | Aerosol 500 ml |



## ASSEMBLY PASTE

Anti-seize compound for lubrication of bushes, sliding surfaces and small open gears.

Prevents damage at start-up and protects during running-in. Protects against seizing of threaded components. Effective from -30°C to +150°C as a lubricant and to +1100°C as an anti-seize. Developed for use as a lubricant in food processing areas where incidental food contact may occur. NSF H1 registered.

| Ref.  | SIZE           |
|-------|----------------|
| 32604 | Aerosol 500 ml |
| 20120 | Tin 500 g      |



## ALU PASTE




Assists with assembly of rough threaded parts and sliding steel surfaces.

Prevents seizing. Takes up high loads. Supports extreme slow movements. Smoothens rugged surfaces. High temperature resistance. Convenient 360° (including inverted position) spray valve for aerosols.

**Applications:** Rugged thread, guide rails, assembly of rugged parts, sliding surfaces.

| Ref.  | SIZE           |
|-------|----------------|
| 32147 | Aerosol 500 ml |



| PRODUCT  | Min. temp. (°C) | Max. temp. (°C) | DN (mm/min) | DIN 51 825 |
|--|-----------------|-----------------|-------------|------------|
| CRC Multi Grease   | -30             | 130             | 400.000     | KP 2 K-30  |
| CRC Super Longterm Grease  | -30             | 130             | 280.000     | KPF 2 K-30 |
| CRC Super Adhesive Grease  | -30             | 140             | 250.000     | KP 2 N-30  |
| CRC Low Temp Grease  | -50             | 160             | 400.000     | KP 2 P-50  |
| CRC High Temperature Grease  | -30             | 200             | 400.000     | KP 2 P-30  |
| CRC High Speed Grease  | -60             | 130             | 1.000.000   | KP 2K-60   |
| CRC Food Grease          | -20             | 140             | 500.000     | K 2 K-20   |
| CRC EP Food Grease      | -30             | 160             | 400.000     | KP 2 P-50  |
| CRC HiTemp Food Grease  | -40             | 180             | 200.000     | K 2 U-20   |
| CRC Graphite Assembly Paste  | -30             | 650             | -           | -          |
| CRC Alu Paste  | -25             | 650             | -           | -          |



## EJECTOR LUBE

Long lasting high performance lubricant for ejector pins

Ejector lube has exceptional lubricating power, even under extreme conditions: high temperatures, high pressures, high linear speeds. NSF H1 certified.

- Eliminates seizing problems of ejectors or drawers
- Eliminates creeping of greasy products and contamination on the aesthetic side of moulded parts
- Promotes gas tightness on the ejector level
- Does not carbonize, leaving black imprints on the finished part



| Ref.  | SIZE           |
|-------|----------------|
| 33265 | Aerosol 500 ml |

## TRIFLOW

Durable general lubricant

Multipurpose fluid with PTFE for mould and precision mechanism.

- Penetrates into hard-to-reach areas, displaces moisture and cleans
- Contains micro particles of PTFE
- Durable lubrication thanks to its high quality oils, extreme pressure additives and solid (PTFE) lubricants
- Protects against corrosion and humidity
- Seals out dirt, dust, sand and other abrasive particles



| Ref.  | SIZE           |
|-------|----------------|
| 31343 | Aerosol 400 ml |

# NON SILICONE BASED RELEASE AGENTS (NSR)

## Non silicone based release agents

|   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| <b>NSR MULTI</b><br>General Use   | <b>NSR DRY</b><br>Dry Film  | <b>NSR FOOD</b><br>M1 Registered   | <b>NSR ULTRA THIN</b><br>Minimum Product Transfer                                   |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
| <b>NSR THERMO</b><br>High Temperature  | <b>NSR RUBBER</b><br>Water Based   | <b>NSR WET</b><br>Wet Film   | <b>NSR SENSITIVE</b><br>Paintable Plastics   |





## NSR MULTI

### General use non-silicone release agent

Excellent release for thermoplastics and thermosets, e.g. polyurethane elastomers, flexible polymers and PVC.

- A wet film mould release that imparts a gloss finish to moulded parts
- Will not interfere with post moulding operations (painting, printing, bonding, plating)
- Operational temperature to +200°C
- Does not build up in the Mould



| Ref.  | SIZE           |
|-------|----------------|
| 33234 | Aerosol 500 ml |

## NSR DRY

### Medium duty, non-silicone release agent

A medium duty, dry film mould release agent. Does not contain silicone. Provides an easy release for all types of thermoplastics and especially silicone and rubber.

- Will not interfere with post moulding treatments such as painting, printing, bonding or plating
- Operational to +150°C
- Does not build up in the mould
- Limited transfer to the moulded parts



| Ref.  | SIZE           |
|-------|----------------|
| 32841 | Aerosol 500 ml |

## NSR FOOD

### Food grade non-silicone based release agent

A non-silicone release agent with NSF registration for use during moulding of food contact plastic packaging.

- NSF registered M1
- Use on moulds for food packaging which is intended for direct food contact
- Will not interfere with post moulding operations such as bonding and labelling
- Translucent film
- Operational temperature to +200°C



| Ref.  | SIZE           |
|-------|----------------|
| 32957 | Aerosol 500 ml |



# NON SILICONE BASED RELEASE AGENTS (NSR)

## NSR ULTRA THIN

Non silicone based release agent with minimal product transfer

Balanced formulation to provide an excellent slip during demoulding without contaminating transparent surfaces by product transfer. Ideal for use with transparent plastics such as Polycarbonate, ABS and polyamides.

- Ideal for mould applications where fine details and precision are requested
- Will not stop post moulding operations (anti reflection coatings , gluing anti-fog screens,...)
- Contains Zinc Stearate which results in excellent slip properties



| Ref.  | SIZE           |
|-------|----------------|
| 32962 | Aerosol 500 ml |

## NSR THERMO

Semi-permanent non-silicone release agent

Non silicone release agent formulated to release a wide variety of thermosets in high temperature transformation

- Forms a thin, homogeneous, inert and thermally stable coating from which multiple releases can be expected
- Fast cure time. Moulding can start 30 minutes after application
- Operational temperature to +250°C



| Ref.  | SIZE           |
|-------|----------------|
| 32977 | Aerosol 500 ml |

## NSR RUBBER

Non silicone based release agent for rubbers

A water based release agent for use in a wide variety of rubber moulding operations.

- Used for the release of all natural and synthetic grades of rubber
- Fast curing with lower mould build-up
- Non-flammable and environmental 'safe'
- Does not affect the rubbers



| Ref.  | SIZE       |
|-------|------------|
| 32980 | Bulk 25 kg |



## NSR WET

Heavy duty, non-transfer silicone release agent

A wet film, which provides an excellent release on a wide range of thermoplastics and thermoset materials.

- Will not interfere with post molding operations such as painting, printing, bonding or plating
- Operational temperature to + 150°C
- Does not build up in the mold
- The wet film offers an excellent "slip" for complicated parts



| Ref.  | SIZE           |
|-------|----------------|
| 32842 | Aerosol 500 ml |

## NSR SENSITIVE

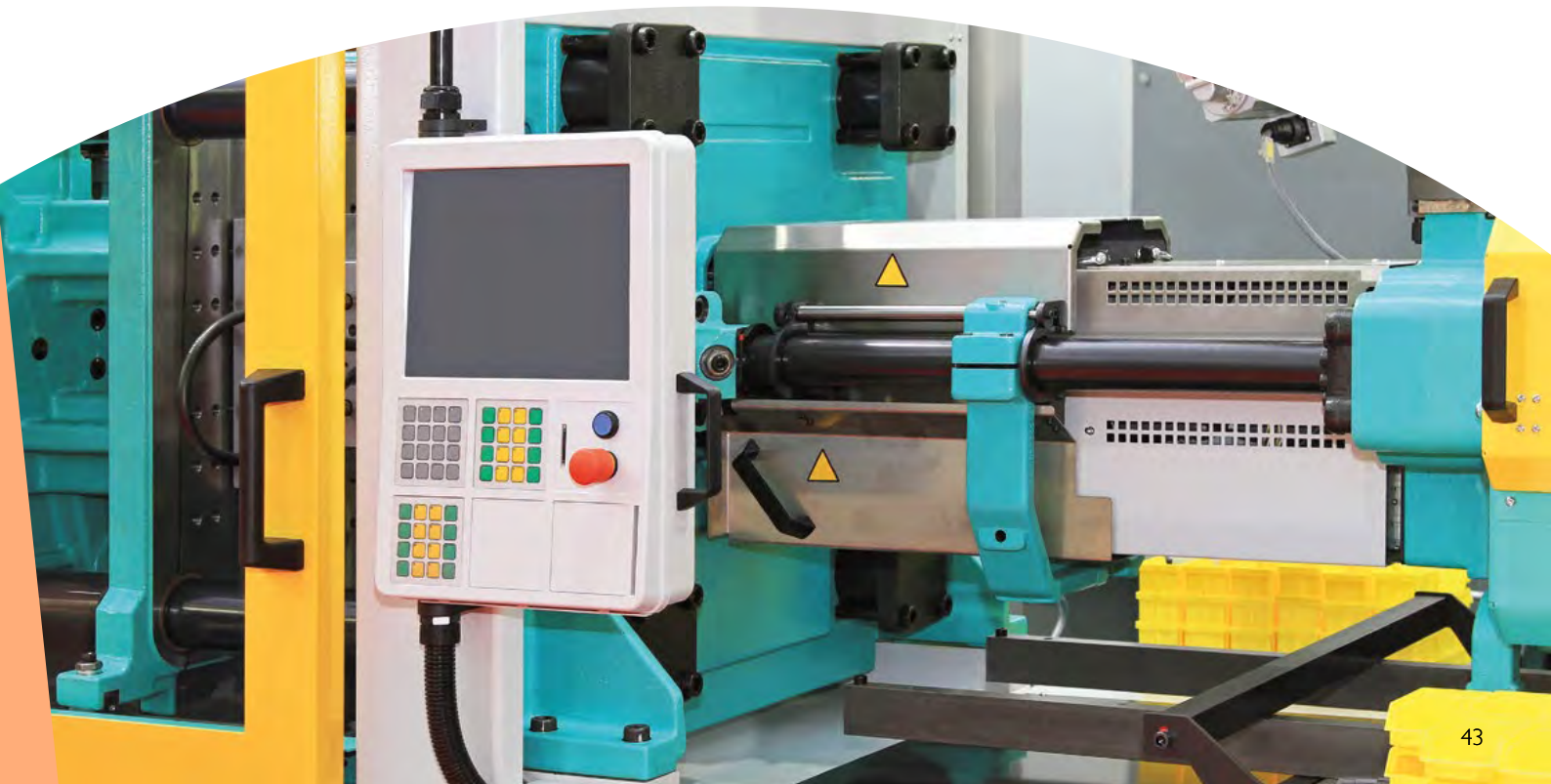
Non-transfer silicone release agent for sensitive paintable plastics

Mould release agent for plastics and rubbers.

- Colorless film
- Will not interfere with post molding operations such as painting, printing, bonding or plating
- Operational temperature to + 150°C
- Offers an outstanding slip during release of stress crack sensitive polymers
- The first-rate slip allows complicated shapes to be released by fast shot



| Ref.  | SIZE           |
|-------|----------------|
| 32960 | Aerosol 500 ml |
| 32964 | Bulk 5 L       |



# SILICONE BASED RELEASE AGENTS (SR)

## SR MULTI

### General use silicone based release agent

A general purpose release agent for all thermoplastics and many types of rubber. It is highly versatile as a release agent, ensuring accurate mould detail and improving surface finish without building up in the mould.

- Improves surface finish, minimizes imperfections and enhances even well-polished tool release properties
- Operational to +200°C
- Can also be used as an anti-stick agent in the textile, foam converting, printing and shoe industries
- Fabulous slip properties for fast demoulding
- Provides a smooth surface finish



| Ref.  | SIZE           |
|-------|----------------|
| 32836 | Aerosol 500 ml |

## SR SEMI PER

### Semi-permanent silicone based release agent

Air curing silicone resin, used as polymer release agent on bigger surfaces.

- Excellent performance on rotational moulding production facilities
- Developed for rubbers, elastomers and thermosets
- Performs well as release agent for casting resins on flat bed and wet plastering applications



| Ref.  | SIZE           |
|-------|----------------|
| 32958 | Aerosol 500 ml |

## SR THERMO

### Heavy duty silicone based release agent

Heavy duty, high silicone concentration, mould release agent.

- Specifically to be used on polyester and epoxy moulds
- Withstands the high temperatures (up to +200°C) during exothermic reactions of the resins
- Smooth surface finish
- Very good thixotropy



| Ref.  | SIZE           |
|-------|----------------|
| 32978 | Aerosol 500 ml |

## SR FOOD

### Food grade silicone based release agent

A high purity silicone release agent for moulding of food contact plastic packaging.

- NSF registered M1
- Maximum operational temperature: +200°C
- Provides good brilliance at transparent plastics
- Excellent slip for uncomplicated release of light weight mouldings



| Ref.  | SIZE           |
|-------|----------------|
| 32956 | Aerosol 500 ml |



## LOST WAX RELEASE

Paintable mould release agent

Ideal for lost wax moulding and precision moulding.

- Based on a copolymer
- Silicone residues on the casting can be rinsed away with water
- Will not interfere with post moulding treatments such as painting, printing, bonding or plating



| Ref.  | SIZE           |
|-------|----------------|
| 32954 | Aerosol 500 ml |

## PU RELEASE AGENT

Silicone based release agent for polyurethanes (PU)

A silicone release agent formulated as a fine release film for integral skin and elastomeric polyurethanes.

- High quality, high gloss and excellent surface finish
- Colorless
- Operational temperature to +200°C
- No build up on mould surface



| Ref.  | SIZE           |
|-------|----------------|
| 32959 | Aerosol 500 ml |

## RELEASE EMULSION

Ready to use water-based silicone emulsion release agent

Releases many types of plastic and rubber, especially PVC and rubber profile extrusions.

- Economical in use and environmentally 'safe & friendly'
- Operational temperature up to +150°C



| Ref.  | SIZE      |
|-------|-----------|
| 32979 | Bulk 5 kg |

## Thermoplastics

| Process<br>Plastics | Rotational moulding | Extrusion blow moulding | Vacuum forming | Injection moulding           |
|---------------------|---------------------|-------------------------|----------------|------------------------------|
| ABS                 | SR Semi Per         | SR Multi                | NSR Wet        | NSR Ultra Thin / (N)SR Multi |
| PA                  |                     |                         |                | NSR Multi / SR Multi         |
| PC                  |                     |                         |                | SR Multi / NSR Dry           |
| PE                  |                     |                         |                | NSR Sensitive / (N)SR Multi  |
| PET                 |                     |                         |                | NSR Dry / SR Multi           |
| PLA                 |                     |                         |                | NSR Ultra Thin / (N)SR Multi |
| PMMA                |                     |                         |                | NSR Multi / SR Multi         |
| POM                 |                     |                         |                |                              |
| PP                  |                     |                         |                |                              |
| PS                  |                     |                         |                |                              |
| PVC                 |                     |                         |                | NSR Rubber                   |

When other criteria then plastic & process are involved and considered important, the first selection has to be finetuned with the help of the technical datasheets.

## Thermosets

| Process<br>Plastics | Lost wax         | Extrusion profile & sheets | Resin transfer moulding | Flat bed moulding | Pultrusion       |
|---------------------|------------------|----------------------------|-------------------------|-------------------|------------------|
| UP                  | NSR Thermo       | NSR Thermo                 | SR Thermo               | NSR Dry           | NSR Thermo       |
| AMC                 |                  |                            | NSR Thermo              |                   |                  |
| EP                  |                  |                            | SR Thermo               |                   |                  |
| FUR                 |                  |                            | NSR Thermo              |                   |                  |
| M                   |                  |                            |                         |                   |                  |
| PF                  | NSR Thermo       |                            |                         |                   |                  |
| PU                  | PU Release Agent | PU Release Agent           | PU Release Agent        | PU Release Agent  | PU Release Agent |
| VE                  | NSR Thermo       | NSR Thermo                 | NSR Thermo              |                   | NSR Thermo       |
| neoprene            |                  | Release Emulsion           |                         |                   |                  |

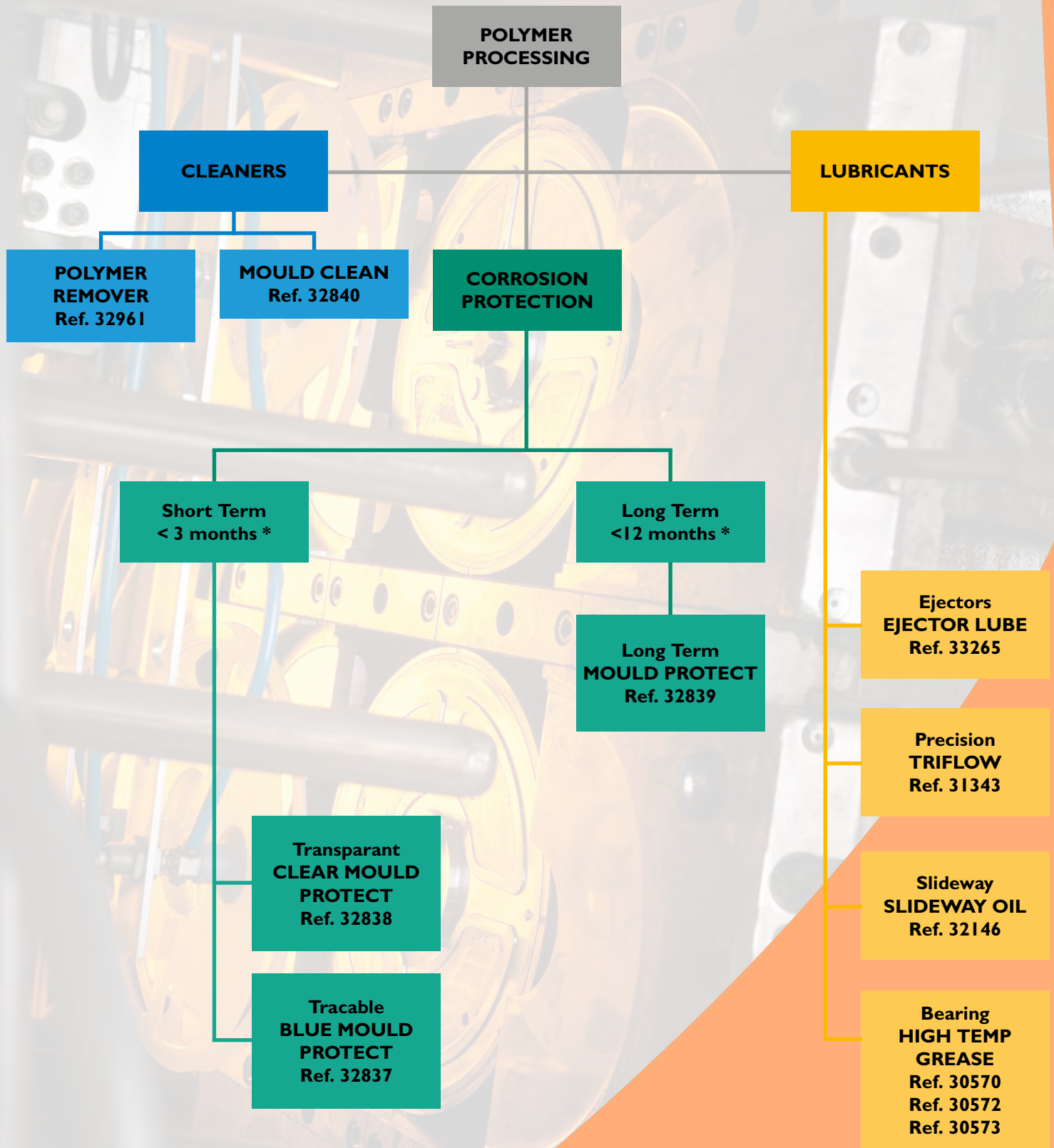
When other criteria then plastic & process are involved and considered important, the first selection has to be finetuned with the help of the technical datasheets.

| Injection gas moulding | Injection blow moulding | Injection stretch blowing | Thermoforming | Insert moulding |
|------------------------|-------------------------|---------------------------|---------------|-----------------|
| NSR Ultra Thin         | NSR Ultra Thin          | NSR Ultra Thin            |               |                 |
|                        | NSR Ultra Thin          | NSR Ultra Thin            |               |                 |
| NSR Sensitive          | NSR Sensitive           | NSR Sensitive             | NSR Food      | NSR Sensitive   |
| NSR Food               | SR Food                 | NSR Sensitive             | SR Food       | NSR Sensitive   |
|                        |                         |                           |               |                 |
| NSR Ultra Thin         | NSR Food                |                           |               |                 |
|                        |                         |                           |               |                 |
| NSR Food               |                         |                           | NSR Food      | NSR Sensitive   |
|                        |                         |                           |               |                 |
| NSR Rubber             | SR Food                 | NSR Rubber                | SR Food       | NSR Rubber      |

## Glossary Plastics

|                | Code         | Chemical name                                  | Mould Temp. [°C]                        |
|----------------|--------------|--|---|
| THERMOPLASTICS | ABS          | Acrylonitrile Butadiene Styrene                | 85                                      |
|                | PS           | Polystyrene                                    | 82                                      |
|                | PC           | Polycarbonate                                  | 93                                      |
|                | PP           | Polypropylene                                  | 60                                      |
|                | PVC          | Polyvinyl Chloride                             | rig 60 / flex 82                        |
|                | PE           | Polyethylene (LD=Low Density, HD=High Density) | LD 27 / HD 43                           |
|                | PA           | Polyamide (Nylon)                              | 204                                     |
|                | PET          | Polyethylene Terephthalate                     | 99                                      |
|                | PMMA         | Acrylic  | 65                                      |
|                | POM          | Polyoxymethylene                               |   |
|                | PLA          | Poly lactid Acid                               |   |
| THERMOSETS     | UP           | Unsaturated Polyester                          | Temperature triggered chemical reaction |
|                | AMC          | Alkyd  |   |
|                | EP           | Epoxies  |   |
|                | FUR          | Furan  |   |
|                | M            | Melamine (MF, UF)                              |   |
|                | PF           | Phenolics                                      |   |
|                | PU           | Polyurethane                                   |   |
| VE             | Vinyl Esters |  |   |

# SELECTION GUIDE POLYMER INDUSTRY



\*Depending on environmental circumstances.



# TEMPORARY PROTECTION

## INDOOR STORAGE

## OUTDOOR STORAGE



3-36



SP 350



SP 350



SP 400

# LONG-TERM PROTECTION

## COATINGS



ZINC PRIMER



GALVA BRITE



GALVA SHINE



INOX 200



ALU HITEMP

## CATHODIC PROTECTION

## ELECTRONICS

## COATINGS



ZINC



URETHANE ISOLATION



VARNISH E200



GALVACOLOR

# RUST TREATMENT

## RUST PRIMER

## REMOVER



RUST SEAL



RUST REMOVER



FERROKLEEN

# POLYMER PROCESSING



MOULD PROTECT



BLUE MOULD PROTECT



CLEAR MOULD PROTECT

# ANTI-CORROSION - TEMPORARY

## 3-36

**Short-term corrosion inhibitor. Indoor protection up to 6 months.**

Multipurpose corrosion inhibitor with water repellent and lubricating properties. Forms a thin, almost invisible and long-lasting protective film against water and oxygen. Exceptional penetrating properties, allowing the product to work even into the smallest pores and cracks. CRC 3-36 protects metal parts from corrosion when stored indoors, during a shorter period.

| Ref.  | SIZE           |
|-------|----------------|
| 32673 | Aerosol 250 ml |
| 10110 | Aerosol 500 ml |
| 10114 | Bulk 5 L       |
| 30362 | Bulk 20 L      |
| 30364 | Bulk 200 L     |



## SP 350

**Long-term corrosion inhibitor.**

Indoor protection up to 2 years. Outdoor protection when covered, up to 1 year. Highly viscous protective oil. Forms a thin penetrating protective film, which does not dry. Protects against moisture and corrosive vapors. Displaces moisture and does not drip off. Covers both smooth surfaces and sharp edges. Provides a relatively long corrosion protection. Do not store the protected parts in outdoor and uncovered conditions.

| Ref.  | SIZE           |
|-------|----------------|
| 32672 | Aerosol 250 ml |
| 32659 | Aerosol 500 ml |
| 20294 | Bulk 5 L       |
| 30407 | Bulk 20 L      |

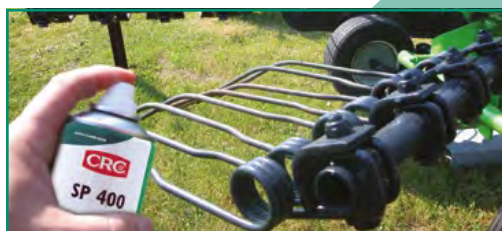


## SP 400

**Long-term outdoor; corrosion inhibitor.**

Outdoor protection up to 2 years. Waxy corrosion protector. Provides an effective corrosion protection in outdoor conditions, for a long period. The waxy protective film does not become brittle and protects against heavy corrosive circumstances as moisture and salt water.

| Ref.  | SIZE           |
|-------|----------------|
| 32661 | Aerosol 250 ml |
| 32350 | Aerosol 500 ml |
| 20324 | Bulk 5 L       |
| 20327 | Bulk 20 L      |



## ZINC PRIMER

Corrosion protective primer, easy to paint over.

A Zinc-Phosphate primer for metal surfaces. Dries quickly. Improves adhesion of the finishing coating. A corrosion protective additive slows down corrosion. Can be painted over with all kinds of single component paints, already after one hour. Ideal topcoat: Galva Brite or Galva Shine.



| Ref.  | SIZE           |
|-------|----------------|
| 30419 | Aerosol 500 ml |



## GALVA BRITE

Protective, final coating with a shiny aluminum aspect.

A single component Zinc-Aluminum coating. Protects against corrosion and forms a glossy aluminum look on the coated surface. Good adhesion to metal surfaces. Results in a unique combination of flexibility and hardness. For perfect results please use CRC Zinc Primer first.



| Ref.  | SIZE           |
|-------|----------------|
| 30423 | Aerosol 500 ml |



## GALVA SHINE

Touch-up paint for hot galvanised pieces.

Protective coating with an exceptional gloss. Gives the work piece the aspect of a freshly hot galvanised piece. The film is very resistant and keeps its brilliance in time. Ideal paint for touch-ups of freshly galvanised pieces. The paint can also be used to give pieces a new zinc look. For perfect results please use CRC Zinc Primer first.



| Ref.  | SIZE           |
|-------|----------------|
| 32319 | Aerosol 500 ml |



## INOX 200

Anti-corrosion coating for stainless steel surfaces.

Coating with good anti-corrosion properties and a nice look, identical to stainless steel (inox). The coating is fast drying, resistant to high temperatures and has excellent adhesion properties. Ideal touch-up paint : to be used after welding or when mounting a stainless steel construction. Will cover and protect discolored welding seams.



| Ref.  | SIZE           |
|-------|----------------|
| 32337 | Aerosol 500 ml |



## ALU HITEMP

Protective coating with aluminum look.

Resists high temperatures. Paint that resists high peak temperatures up to 600°C. Provides a hard and durable surface, which does not burn, crack or scale down, even at high temperatures. Withstands large fluctuations in temperature. Excellent weather resistance.



| Ref.  | SIZE           |
|-------|----------------|
| 32421 | Aerosol 500 ml |

## ZINC

Cathodic protection, even for damaged galvanised parts.

Zinc based coating with excellent adhesion to metal surfaces. The high zinc content is sacrificed during the corrosion process and so provides a galvanic protection of the treated metal. The dry coating contains a maximum amount of zinc (purity 98%), ensuring a self-healing effect when the coating gets scratched. The dry coating is matt and has an excellent surface structure to be painted.



| Ref.  | SIZE           |
|-------|----------------|
| 30563 | Aerosol 500 ml |
| 30564 | Bulk 750 ml    |

## URETHANE ISOLATION

Protective, urethane based varnish for electronic components.

Clear transparent or red colored one-component, urethane type coating. Urethane coating seals out water and moisture and acts as a barrier for contaminants. The coating dries fast and adheres well to most surfaces. After curing, the protective film has a high flexibility, is durable and resists abrasion and contamination.



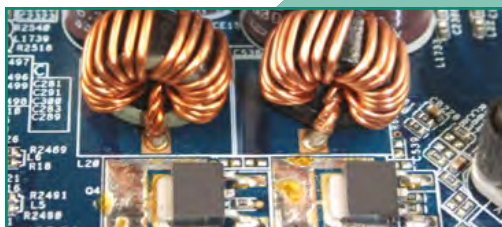
| Ref.  | SIZE                 |
|-------|----------------------|
| 32669 | Aerosol 250 ml Clear |
| 10630 | Bulk 4 L Clear       |
| 32670 | Aerosol 250 ml Red   |
| 10641 | Bulk 4 L Red         |

## VARNISH E200

Protective varnish that seals for environmental influences.

Use it on printed circuits boards and electrical windings. Recommended to cover solid contact assemblies.

- Outstanding electric insulation.
- Fast drying at ambient conditions. Speed up the drying in an oven.
- Excellent thermal conductivity.
- Resists mechanical shocks.
- Allows soldering without removal.
- Contains a UV tracer for quick control by an UV light.



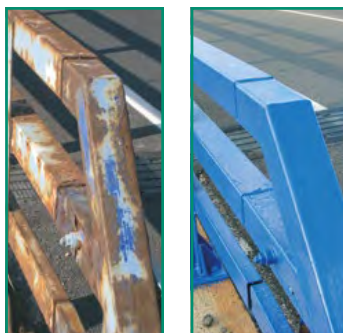
| Ref.  | SIZE           |
|-------|----------------|
| 32915 | Aerosol 400 ml |

## GALVACOLOR

Aerosol paint that protects the metal from corroding.

Zinc-phosphate protective coating. Ideal for identification of utility conduits. Primer and topcoat in one. Short drying time. Official RAL identification colors. Conform to the protect category C3 (ISO 12944-2).

| Ref.  | SIZE           | COLOR      | RAL  |
|-------|----------------|------------|------|
| 20563 | Aerosol 500 ml | Yellow     | 1004 |
| 32170 | Aerosol 500 ml | Orange     | 2011 |
| 20566 | Aerosol 500 ml | Red        | 3000 |
| 32079 | Aerosol 500 ml | Blue       | 5005 |
| 20572 | Aerosol 500 ml | Blue       | 5012 |
| 33351 | Aerosol 500 ml | Green      | 6005 |
| 32702 | Aerosol 500 ml | Anthracite | 7016 |
| 32080 | Aerosol 500 ml | Grey       | 7035 |
| 20581 | Aerosol 500 ml | Black      | 9005 |
| 20584 | Aerosol 500 ml | Silver     | 9006 |
| 20587 | Aerosol 500 ml | White      | 9010 |



## RUST SEAL

Rust Seal is the ideal pretreatment before painting rusted metal.

CRC Rust Seal stops the corrosion process by forming a black protective barrier that seals off the rust from moisture. This way, it transforms corroded metal into an easily paintable surface without any time-consuming sandblasting. Can be directly applied on rusted metal. Paintable with any top coat (e.g. CRC Galva Color) after 2 hours of drying. Eco-friendly and safe-to-use.



| Ref.  | SIZE        |
|-------|-------------|
| 33349 | Bulk 750 ml |



## RUST REMOVER

Removes corrosion and/or rust from metals.

CRC Rust Remover is a concentrated scale and rust remover. Based on acid, it removes rust and cleans metal surfaces from scale, tarnish, oxidation and stains.



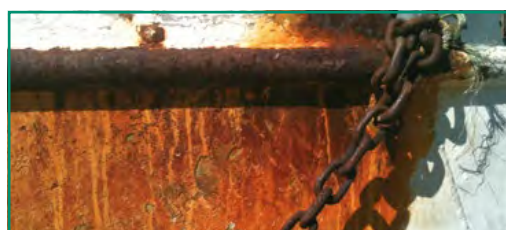
| Ref.  | SIZE          |
|-------|---------------|
| 30610 | Bottle 250 ml |
| 10752 | Bulk 5 L      |
| 30611 | Bulk 20 L     |



## FERROKLEEN

Cleans painted and bare metal surfaces contaminated with rust, lime, algae, oils and tar.

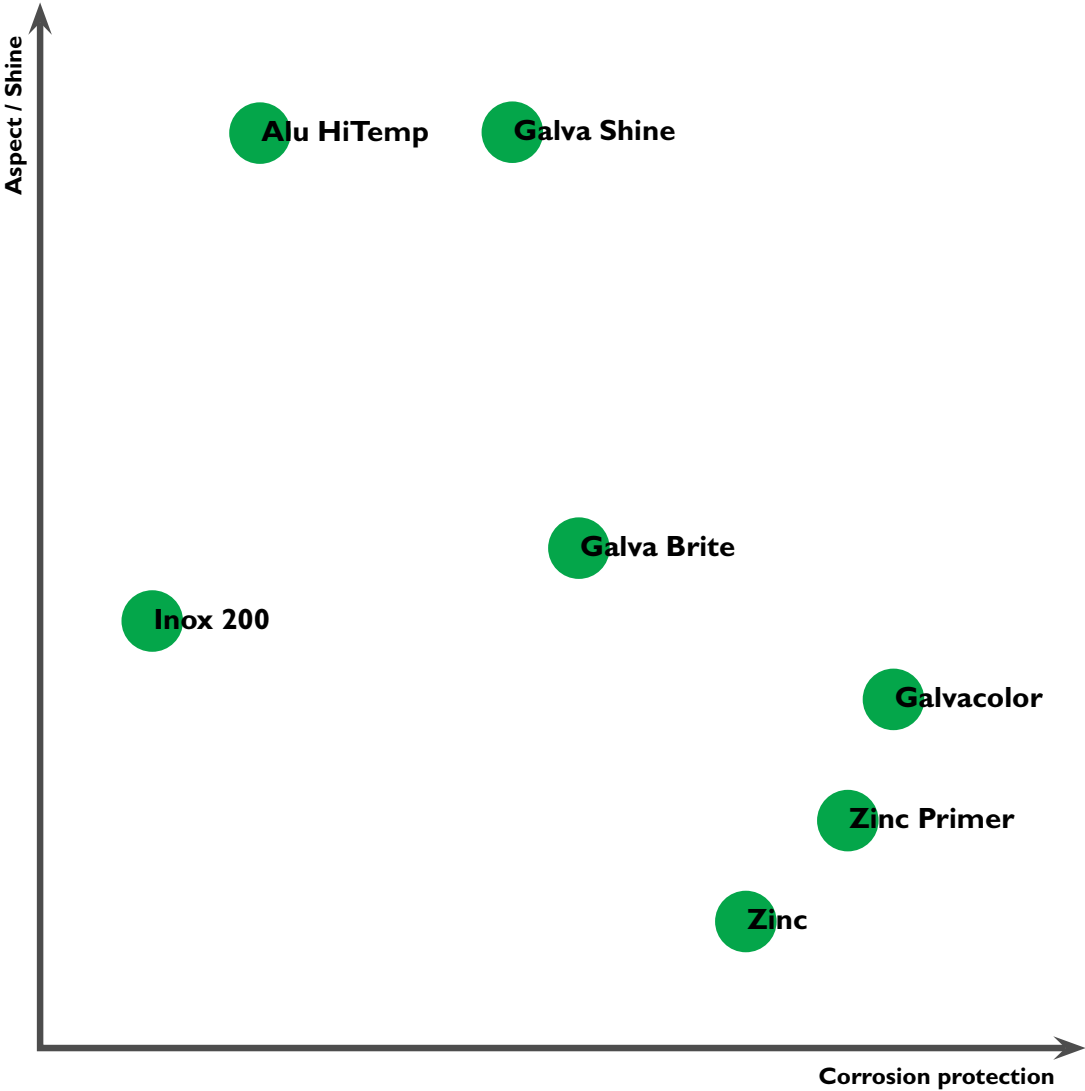
Takes rust and rust stains on painted or plastic surfaces away. Effective against a wide range of scales. Non flammable. Slightly foaming. Composed of > 90% anorganic components and biodegradable organic components. Not classified as dangerous for the aquatic environment.



| Ref.  | SIZE       |
|-------|------------|
| 30112 | Bulk 1 kg  |
| 30089 | Bulk 5 kg  |
| 30199 | Bulk 20 kg |



# ANTI-CORROSION - DIAGRAM



## MOULD PROTECT

### Long term waxy corrosion protection

Non silicone corrosion protection for moulding tools and dies. Repels and displaces moisture, leaving a durable, high quality protective wax-like film. Long-lasting efficient protection.

- Ideal for mould tools, dies and parts stored for indefinite period
- High covering, translucent film
- Displaces humidity on metal surfaces
- Resists to the affects of condensation due to big temperature changes in the storage place
- Silicone free



| Ref.  | SIZE           |
|-------|----------------|
| 32839 | Aerosol 500 ml |

## BLUE MOULD PROTECT

### Short term blue colored corrosion inhibitor for mould tools

Non silicone corrosion protection for moulding tools. NSF registered for use in food packaging industry.

- NSF registered H2
- Ideal for short-term inactivity of mould tools, dies and jigs
- Highly visible blue dye provides an easy visual method for ensuring complete coverage
- Displaces humidity on metal surfaces
- Silicone-free
- No need for cleaning as the product moulds off during the first cycles



| Ref.  | SIZE           |
|-------|----------------|
| 32837 | Aerosol 500 ml |



## CLEAR MOULD PROTECT

### Short term clear corrosion inhibitor for mould tools

Non silicone corrosion protection for moulding tools. NSF registered for use in food packaging industry.

- NSF registered H2
- Ideal for short-term inactivity of mould tools, dies and jigs
- Will weaken carbonized polymer residues, during the inactivity time
- Displaces humidity on metal surfaces
- Silicone-free
- No need for cleaning as the product moulds off during the first cycles





| Ref.  | SIZE           |
|-------|----------------|
| 32838 | Aerosol 500 ml |





# MARKING AND SIGNALISATION

## TEMPORARY

|   |   |
|---|---|
|  |  |
| <b>MARKER PAINT</b>   | <b>AQUA PAINT MARKER</b>  |
| Multi position  | Multi position  |



## PERMANENT

|   |   |   |
|---|---|---|
|  |  |  |
| <b>STRIPING PAINT</b>   | <b>MARKER PEN</b>   | <b>MARKER BALL</b>  |
| Horizontal areas  | Precision   | Precision   |

## OTHER

### RAL PAINTS

|   |   |
|---|---|
|  |  |
| <b>ACRYLIC PAINT</b>  | <b>AQUA RAL PAINT</b>   |

### CORROSION PROTECTION

|   |
|---|
|  |
| <b>GALVACOLOR</b>   |

## ACCESSORIES

### STRIPING PAINT MACHINE



Ref. 11508



Ref. 11507





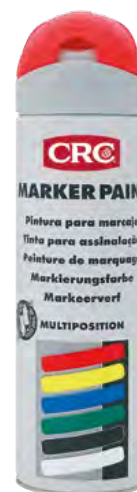
## MARKER PAINT

Special multi position paint for manual marking and signaling.

A fast drying paint, formulated for temporary signaling and marking jobs for all types of outdoor works. CRC Marker Paint can be used in all positions, no need to purge after use. Due to the special resin the product has a very good adherence to any type of substrate (asphalt, rock, concrete, wood, ...), even under severe weather conditions (humidity, cold,...). The special formula ensures a good (fluorescent) aspect over light and dark areas.



| Ref.  | SIZE           | COLOR        |
|-------|----------------|--------------|
| 10158 | Aerosol 500 ml | Fluo Yellow  |
| 10165 | Aerosol 500 ml | Fluo Orange  |
| 10155 | Aerosol 500 ml | Fluo Red     |
| 10167 | Aerosol 500 ml | Fluo Violet  |
| 10160 | Aerosol 500 ml | Fluo Blue    |
| 10157 | Aerosol 500 ml | Fluo Green   |
| 10163 | Aerosol 500 ml | Fluo Fuchsia |
| 10164 | Aerosol 500 ml | Black        |
| 10154 | Aerosol 500 ml | Yellow       |
| 10162 | Aerosol 500 ml | White        |



## AQUA PAINT MARKER

Water based paint for manual marking and signaling.

A special water based paint formulated for signaling and marking jobs for all types of outdoor and indoor works. Due to the special resin the product has a very good adherence to any type of substrate (asphalt, rock, ground, concrete), even under severe weather conditions (humidity, cold,...). The special formula ensures a good (fluorescent) aspect over light and dark areas. Ecological paint.



| Ref.  | SIZE           | COLOR        |
|-------|----------------|--------------|
| 30010 | Aerosol 500 ml | Fluo Yellow  |
| 30011 | Aerosol 500 ml | Fluo Orange  |
| 30009 | Aerosol 500 ml | Fluo Red     |
| 30013 | Aerosol 500 ml | Fluo Blue    |
| 30012 | Aerosol 500 ml | Fluo Green   |
| 32462 | Aerosol 500 ml | Fluo Fuchsia |
| 32461 | Aerosol 500 ml | Black        |
| 30014 | Aerosol 500 ml | White        |











# PAINTS - MARKING & IDENTIFICATION

## STRIPING PAINT

Special paint for line marking.

CRC Striping Paint is especially developed to trace lines either indoors or outdoors. The chosen resins offer a high resistance to wear and extreme bad weather conditions. Equal and precise line tracing and long lasting coverage over flat surfaces.










| Ref.  | SIZE           | COLOR  |
|-------|----------------|--|
| 11671 | Aerosol 500 ml |  Yellow           |
| 11675 | Aerosol 500 ml |  Red              |
| 11676 | Aerosol 500 ml |  Blue             |
| 11677 | Aerosol 500 ml |  Green            |
| 11673 | Aerosol 500 ml |  Black            |
| 11668 | Aerosol 500 ml |  White            |
| 30474 | Aerosol 750 ml |  Yellow Long Life |
| 30473 | Aerosol 750 ml |  White Long Life  |



## MARKER PEN

Marker Pens for multi surface use.

Excellent coverage thanks to the use of correction fluid technology. Can be used on wood, metal, rubber, glass, textile, paper, enamel, plastic, cardboard, tiles, ... Easy and clean application.







| Ref.  | SIZE | COLOR  |
|-------|------|--|
| 20400 | Pen  |  Yellow   |
| 20384 | Pen  |  Orange  |
| 20388 | Pen  |  Red    |
| 30211 | Pen  |  Violet |
| 20369 | Pen  |  Blue   |
| 20380 | Pen  |  Green  |
| 30210 | Pen  |  Brown  |
| 20365 | Pen  |  Black  |
| 20395 | Pen  |  White  |



## MARKER BALL

Indelible paint. Industrial use only.

Tip with steel ball. For all types of surfaces. Functions on wet, oily, greasy and rusted surfaces. UV resistant. Excellent water resistance. Functional over a wide temperature range.

| Ref.  | SIZE | COLOR  |
|-------|------|--|
| 30160 | Tube |  Yellow |
| 30161 | Tube |  Red    |
| 30163 | Tube |  Blue   |
| 30162 | Tube |  Green  |
| 30159 | Tube |  Black  |
| 30158 | Tube |  White  |



**GALVACOLOR**

Aerosol paint that protects the metal from corroding.

Zinc-phosphate protective coating. Ideal for identification of utility conduits. Primer and topcoat in one. Short drying time. Official RAL identification colors. Conform to the protect category C3 (ISO 12944-2).



| Ref.  | SIZE           | COLOR      | RAL  |
|-------|----------------|------------|------|
| 20563 | Aerosol 500 ml | Yellow     | 1004 |
| 32170 | Aerosol 500 ml | Orange     | 2011 |
| 20566 | Aerosol 500 ml | Red        | 3000 |
| 32079 | Aerosol 500 ml | Blue       | 5005 |
| 20572 | Aerosol 500 ml | Blue       | 5012 |
| 33351 | Aerosol 500 ml | Green      | 6005 |
| 32702 | Aerosol 500 ml | Anthracite | 7016 |
| 32080 | Aerosol 500 ml | Grey       | 7035 |
| 20581 | Aerosol 500 ml | Black      | 9005 |
| 20584 | Aerosol 500 ml | Silver     | 9006 |
| 20587 | Aerosol 500 ml | White      | 9010 |



**AQUA RAL**

Environmentally friendly, acrylic based paint with an optimized use of water as solvent.

Fast drying paint with good flexibility. High UV resistance once the paint is polymerized. Good adhesion on stone, concrete, wood, glass, paintable plastics and metal. Good covering ability. Does not contain any heavy metals. Long lasting, intensive shine. Available in several RAL colors.



Signal Yellow RAL 1003  
Ref.: 32182



Cadmium Yellow RAL 1021  
Ref.: 32184



Yellow Orange RAL 2000  
Ref.: 32185



Carmin Red RAL 2004  
Ref.: 32187



Flame Red RAL 3000  
Ref.: 32186



Traffic Red RAL 3020  
Ref.: 31457



UltraMarine Blue RAL 5002  
Ref.: 32188



Gentian Blue RAL 5010  
Ref.: 32189



Leaf Green RAL 6002  
Ref.: 32190



Moss Green RAL 6005  
Ref.: 32191



Yellow Green RAL 6018  
Ref.: 31459



Silver Grey RAL 7001  
Ref.: 32193



Grey Anthracite RAL 7016  
Ref.: 32194



Nut Brown RAL 8011  
Ref.: 32196



Black Glossy RAL 9005  
Ref.: 32197



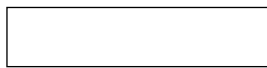
Black Mat RAL 9005  
Ref.: 32205



White Aluminium RAL 9006  
Ref.: 32418



White Glossy RAL 9010  
Ref.: 32204



White Mat RAL 9010  
Ref.: 32198



White RAL 9016  
Ref.: 32199



Varnish Clear Brilliant  
Ref.: 32206

# Three Step Paint System

The CRC Acrylic Paint range offers maximum protection and vibrant colours for your to-be painted surfaces in three simple steps. Thanks to the practical ready-to-use 400 ml aerosols, the paint can be easily applied on nearly all surfaces.

## PRIME



**CRC Acrylic Primer** prepares the surface before application of Acrylic Paint:

- Ensures best adhesion of Acrylic Paint for economical application
- Protects from corrosion
- Optimizes gloss of the top coat



## PAINT



**CRC Acrylic Paint** colours the surface in the desired colour while protecting it against external influences:

- Very good coverage
- Weather-resistant, UV-resistant
- Scratch- and shock-resistant



## PROTECT

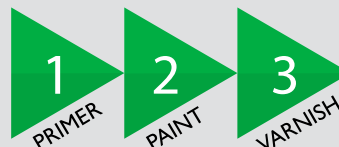


**CRC Acrylic Varnish** gives an extra layer of protection so that the top coat stays immaculate for a long time :

- Maximum gloss
- Maximum corrosion protection
- Maximum protection against UV, scratches and shocks



**MAXIMUM PROTECTION IN**



**STEPS**



## STEP I: PRIME

### ACRYLIC METAL PRIMER

Acrylic Metal Primer is specifically designed as a primer for metal but can also be used on a wide variety of materials, such as wood, ceramics, eternit, cardboard,...

- Fast-drying: dust-dry after +/- 15 minutes
- High filling properties
- Protects against corrosion
- For indoor and outdoor use
- Adjustable direction and output thanks to flexible nozzle

#### References:



Metal Primer  
Ref.: 31091



### ACRYLIC PLASTIC PRIMER

Acrylic Plastic Primer is specifically designed as a primer for hard plastic, such as polyurethane, polystyrene, polyamide, hard polyvinyl chloride (PVC),...

- Very fast-drying: Topcoat can be applied after +/- 15 minutes
- Results in a smooth surface
- For indoor and outdoor use
- Adjustable direction and output thanks to flexible nozzle

#### References:



Plastic Primer  
Ref.: 33274



### CHOOSE YOUR SPRAY DIRECTION AND OUTPUT!

Twist the button at the front of the nozzle horizontally or vertically for the desired spray pattern.



Slide the button at the back of the nozzle left or right for the desired level of output.

## STEP 2: PAINT

### ACRYLIC PAINT

CRC Acrylic Paint is a high quality paint that protects your surface while giving it an intensive, long-lasting colour. Thanks to its unique combination of flexibility and hardness, CRC Acrylic Paint is very resistant to external influences, making it an excellent protection paint for a wide variety of hard surfaces throughout industries. It can be used on metal, paintable hard plastics, wood, concrete, paper, glass,...

- Fast-drying: dust-dry after +/- 15 minutes\*
- Very good coverage
- Adjustable spray direction thanks to flexible nozzle
- Weather- and UV-resistant
- Shock- and scratch-proof
- For indoor and outdoor use



### CHOOSE YOUR SPRAY DIRECTION!

CRC Acrylic Primer is equipped with a special nozzle: with one simple movement, you can arrange the output and the spray direction (horizontal or vertical) for easy application.

|  |  |  |  |   |   |
|--|--|--|--|---|---|
| <br>Signal Yellow RAL 1003<br>Ref.: 31084   | <br>Golden Yellow RAL 1004<br>Ref.: 31069    | <br>Light Ivory RAL 1015<br>Ref.: 31073        | <br>Zinc Yellow RAL 1018<br>Ref.: 31080     | <br>Colza Yellow RAL 1021<br>Ref.: 11679          | <br>Traffic Yellow RAL 1023<br>Ref.: 32151      |
| <br>Melon Yellow RAL 1028<br>Ref.: 33269   | <br>Yellow Orange RAL 2000<br>Ref.: 11685   | <br>Vermillion RAL 2002<br>Ref.: 31070        | <br>Pure Orange RAL 2004<br>Ref.: 32152    | <br>Traffic Orange RAL 2009<br>Ref.: 32161       | <br>Flame Red RAL 3000<br>Ref.: 11678          |
| <br>Signal Red RAL 3001<br>Ref.: 33270     | <br>Carmine Red RAL 3002<br>Ref.: 30475     | <br>Ruby Red RAL 3003<br>Ref.: 31081          | <br>Traffic Red RAL 3020<br>Ref.: 32153    | <br>Ultramarine Blue RAL 5002<br>Ref.: 11681     | <br>Signal Blue RAL 5005<br>Ref.: 33271        |
| <br>Gentian Blue RAL 5010<br>Ref.: 31068   | <br>Steel Blue RAL 5011<br>Ref.: 31085      | <br>Light Blue RAL 5012<br>Ref.: 32140        | <br>Sky Blue RAL 5015<br>Ref.: 30476       | <br>Traffic Blue RAL 5017<br>Ref.: 32155         | <br>Capri Blue RAL 5019<br>Ref.: 32156         |
| <br>Emerald Green RAL 6001<br>Ref.: 11684  | <br>Leaf Green RAL 6002<br>Ref.: 31067      | <br>Moss Green RAL 6005<br>Ref.: 31077        | <br>Fir Green RAL 6009<br>Ref.: 31071      | <br>Reseda Green RAL 6011<br>Ref.: 30477         | <br>Yellow Green RAL 6018<br>Ref.: 31082       |
| <br>Traffic Green RAL 6024<br>Ref.: 30478  | <br>Silver Grey RAL 7001<br>Ref.: 11680     | <br>Grey Signal RAL 7004<br>Ref.: 32162       | <br>Basalt Grey RAL 7012<br>Ref.: 33272    | <br>Anthracite Grey RAL 7016<br>Ref.: 31078      | <br>Black Grey RAL 7021<br>Ref.: 30479         |
| <br>Blue Grey RAL 7031<br>Ref.: 32163      | <br>Pebble Grey RAL 7032<br>Ref.: 12017     | <br>Grey RAL 7035<br>Ref.: 31079              | <br>Grey Widow RAL 7040<br>Ref.: 31088     | <br>Ochre Brown RAL 8001<br>Ref.: 33273          | <br>Nut Brown RAL 8011<br>Ref.: 31072          |
| <br>Mahogany brown RAL 8016<br>Ref.: 32158 | <br>Cream RAL 9001<br>Ref.: 32159           | <br>Grey White RAL 9002<br>Ref.: 31076        | <br>Signal White RAL 9003<br>Ref.: 32165   | <br>Jet Black Glossy RAL 9005<br>Ref.: 31063     | <br>Jet Black Mat Silk RAL 9005<br>Ref.: 31062 |
| <br>Jet Black Matt RAL 9005<br>Ref.: 31075 | <br>White Aluminium RAL 9006<br>Ref.: 31065 | <br>Pure White Glossy RAL 9010<br>Ref.: 31064 | <br>Pure White Mat RAL 9010<br>Ref.: 31066 | <br>Pure White Silky Mat RAL 9010<br>Ref.: 32149 | <br>Graphite Black RAL 9011<br>Ref.: 11686     |
| <br>Traffic White RAL 9016<br>Ref.: 11683  |  |  |  |   |   |

## STEP 3: PROTECT

### ACRYLIC VARNISH

CRC Acrylic Varnish offers an extra protective layer for surfaces that are painted with CRC Acrylic Paint. It makes the top coat even more resistant against external influences, like scratches, bumps, (UV) light, corrosion,.... Not only does it offer extra protection, it also gives your surface a glossy or matt finish for that perfect finishing touch.

- Fast-drying: dust-dry after +/- 10 minutes
- Protective layer for Acrylic Paint
- Glossy or matt finish
- Excellent adhesion
- Shock-and scratch-proof
- Weather- and UV-resistant
- For indoor and outdoor use



### References:



Varnish Clear Brilliant Glossy  
Ref.: 11682



Varnish Silky Mat  
Ref.: 31087



## EFFECT SPRAYS

Next to the three-step paint system, CRC also offers a range of effect sprays to restore the metallic or chrome look of all kinds of surfaces. Thanks to its intensive colour and shine, your surface will look brand new.

### ACRYLIC METALLIC EFFECT

Metallic effect spray for a glossy and sparkling metallic look. Can be used on a wide variety of surfaces, such as metal, coatable hard plastics, wood, stone, glass, cardboard, ceramics,...

- Long-lasting shine and intensive colour
- Very good coverage
- Fast-drying: dust-dry after +/- 10 minutes\*
- Shock- and scratch-proof
- Suitable for use on a wide variety of hard surfaces through industries
- Weather resistant when coated with CRC Acrylic Varnish.
- For indoor and outdoor use

#### References:



Metallic Silver  
Ref.: 11688



Metallic Black  
Ref.: 31093



### ACRYLIC CHROME EFFECT

Chrome effect spray of high-grade acrylic quality that offers a long-lasting decorative chrome finish. Can be used on all smooth surfaces, such as metal, coatable plastics, wood, glass,... Apply CRC Acrylic Primer on absorbing surfaces for optimal result.

- Long-lasting look similar to polished chrome
- Very good coverage
- Fast-drying: dust-dry after +/- 10 minutes\*
- Resistant to water and common cleaners
- Suitable for use on a wide variety of smooth surfaces through industries For indoor and outdoor use

#### References:



Chrome Silver  
Ref.: 30481



## HEAT-RESISTANT PAINTS

### ACRYLIC HITEMP PAINT

CRC Acrylic Hitemp Paint protects metal from high temperatures up to 800° C, which makes it ideal for painting engines, pipelines, heat shields, ovens, pipes,... It can be used on metal, cast iron and aluminium. For full temperature-resistance, the coating should be gradually heated up to 160°C to 200°C and stay at that temperature for +/- 30 minutes.

- Fast-drying: dust-dry after +/- 10 minutes\*
- Resistant to very high heat (up to 800°C)
- Very good coverage and filling properties
- Scratch-proof
- Weather-resistant
- For indoor and outdoor use

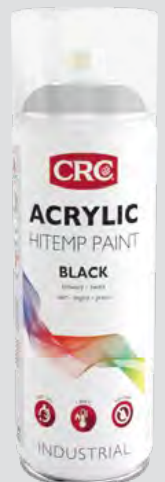
#### References:



High Temp Silver  
Ref.: 31096



High Temp Black  
Ref.: 30483



\*At 20°C and 50% relative air humidity



## ACCESORIES

### ROUND NOZZLE SET

To make every paint job possible, CRC offers a set of 6 round nozzles in different sizes. Can only be used on the Acrylic RAL Paints.

Consists of:

**2 thin round nozzles (white)**



Thin spray jet for or paint jobs that require high precision. Optimal spray distance: 1 to 3 cm

**2 medium round nozzles (black)**



Medium spray jet or paint jobs that require medium precision. Optimal spray distance: 5 to 10 cm

**2 large round nozzles (gold)**



Large spray jet for paint jobs on big surfaces. Optimal spray distance: 15 to 25 cm

| Ref.  | SIZE       |
|-------|------------|
| 33291 | Nozzle Set |



### SPRAY PAINT GUN

The spray paint pistol can easily be snapped on paint aerosol cans, transforming them into a professional paint gun for an easy and pain-free paint job. It allows accurate and controlled spraying in a very efficient way. The spray paint pistol fits on the whole Acrylic Paint range.

| Ref.  | SIZE            |
|-------|-----------------|
| 32556 | Spray Paint Gun |



# SPECIALTY

## 2-26

Repels any humidity left after water damage, protects against friction and corrosion.

CRC 2-26 is a multipurpose lubricant, preventing electric and electronic malfunction due to water penetration, humidity, condensation or corrosion. Displaces water, cleans, removes current leaks, lubricates and protects.

| Ref.  | SIZE           |
|-------|----------------|
| 32663 | Aerosol 250 ml |
| 30348 | Aerosol 500 ml |
| 10089 | Bulk 5 L       |
| 10093 | Bulk 20 L      |
| 30350 | Bulk 200 L     |

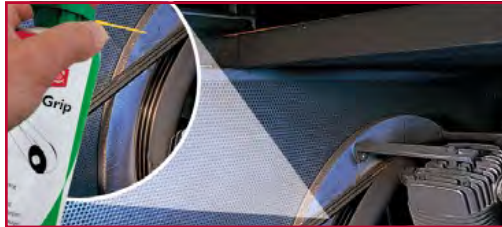


## BELT GRIP

Food Processing Safe adhesive belt lubricant.

Water resistant. Aids transmission efficiency and gives extra pulling power. Stops slipping and squeaking. Designed for use in food processing areas where incidental food contact may occur. Prevents slip on all kinds of belts, except toothed belts. CRC Belt Grip increases the transmission of power between belts and pulley. Gives an improved traction and allows running in at reduced belt tension.

| Ref.  | SIZE           |
|-------|----------------|
| 32601 | Aerosol 500 ml |



## BELT GRIP IND

Adhesive belt lubricant.

Water resistant. Aids transmission efficiency and gives extra pulling power. Stops slipping and squeaking. Prevents slip on all kinds of belts, except toothed belts. CRC Belt Grip IND increases the transmission of power between belts and pulley. Gives an improved traction and allows running in at reduced belt tension.

| Ref.  | SIZE           |
|-------|----------------|
| 32336 | Aerosol 500 ml |

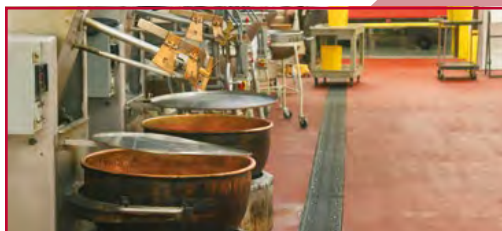


## SUGAR DISSOLVING FLUID

Dissolves fondants and sugars from a variety of surfaces in the food processing industry.

Quickly dissolves and removes sugars, fondants and derivatives. Leaves a light lubricating film that inhibits re-adhesion. Quickly penetrates and lifts sugar layer. Does not contain nut oils or nut oil derivatives. Helps prevent sugar build-up on fasteners. NSF H1 Registered No. 144180.

| Ref.  | SIZE     |
|-------|----------|
| 30204 | Bulk 5 L |



**PEEL OFF**

**Protective Varnish.**

Red color. Easy to remove, CRC Peel Off will form a protective flexible coating. The homogeneous and non-porous thin film will protect pieces against humidity, corrosion and other weather influences. Ideal for intermediate protection during transport or periods of inactivity. It can also be used to protect paint cabinets. The film can easily and rapidly be removed just by peeling off (without the use of solvents).



| Ref.  | SIZE           |
|-------|----------------|
| 20240 | Aerosol 500 ml |
| 20491 | Bulk 5 L       |



**ECO LEAK FINDER**

**Allows detecting leaks in gas conducts and installations.**

Water based detector for gasses. Meets the requirements of EN 14291 and DVGW (Deutsche Vereinigung des Gas- und Wasserfaches) registration number NG-5170AS0069. CRC ECO Leak Finder detects gas leaks in pressurized pipe work and pressurized systems. At the location of a gas leak, it forms highly visible bubbles. Biodegradable according to OECD 301B: 31%.



| Ref.  | SIZE           |
|-------|----------------|
| 10732 | Aerosol 500 ml |
| 30058 | Bulk 5 L       |



**LEAK FINDER PMUC**

**Water based gas leak detector.**

Quick and reliable water based gas leak detector. Can be used for almost all types of gases. Contains anti-corrosion agents and stabilisers. Stable foam formulation. PMUC agreement Nr 70-071.



| Ref.  | SIZE           |
|-------|----------------|
| 20609 | Aerosol 500 ml |



**LOW TEMP LEAK FINDER**

**Locates gas leaks in low temperature applications.**

- Withstands temperatures of minus 20°C.
- The eye-catching foam stays stable over a long time.
- Can be used on almost every type of gas, except oxygen.
- Pressurized with soluble gas thus offering the highest possible active product content.
- The unique valve system allows an upside down use.
- Non staining and non corrosive.
- Safe on plastics, steel, copper, aluminum and most coupling alloys.



| Ref.  | SIZE           |
|-------|----------------|
| 32656 | Aerosol 500 ml |



## MINUS 45

Inert, non-flammable coolant.

Strong non-flammable inert dry coolant, down to  $-45^{\circ}\text{C}$ , for electrical and electronic maintenance. CRC Minus 45 can be used for maintenance, fault detecting and repairs in the electric and electronic field.

| Ref.  | SIZE           |
|-------|----------------|
| 33115 | Aerosol 250 ml |
| 33164 | Aerosol 500 ml |

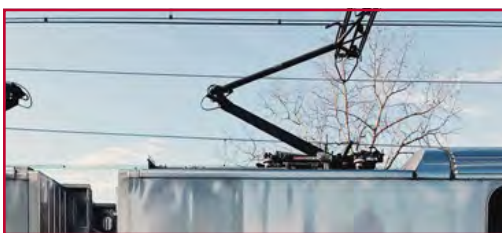


## ROM 300

Aqueous based protection for pantographs.

An aqueous based semi-permanent protective film to prevent the formation of ice and the accumulation of snow on pantographs. Directions: Apply to the surface to be treated. Allow to dry completely prior to operation.

| Ref.  | SIZE     |
|-------|----------|
| 30056 | Bulk 5 L |



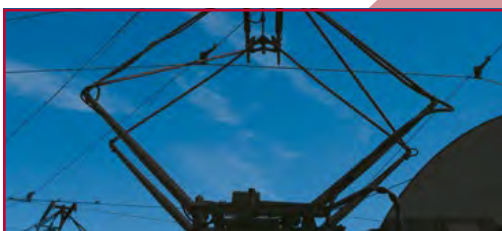
## GD 265

Protection of electrical equipment against weather influences.

CRC GD 265 is a viscous silicone with the consistency of a thick vaseline.

- Self leveling translucent coating.
- Operating temperature from  $-50^{\circ}\text{C}$  till  $+200^{\circ}\text{C}$ .
- Chemical inert to most substrates.
- Allows to apply an even coating with uniform coat weight, keeping the original viscosity.
- Good thixotropy on vertical surfaces.

| Ref.  | SIZE           |
|-------|----------------|
| 32916 | Aerosol 250 ml |



CHECK OUT OUR NEW ANIMATED PRODUCT VIDEOS!

You **Tube**

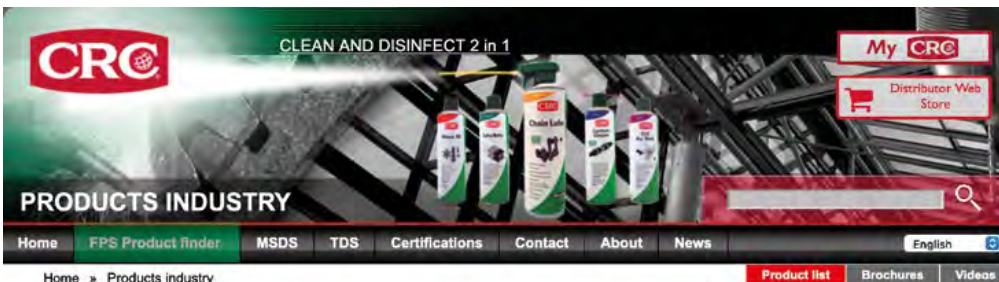
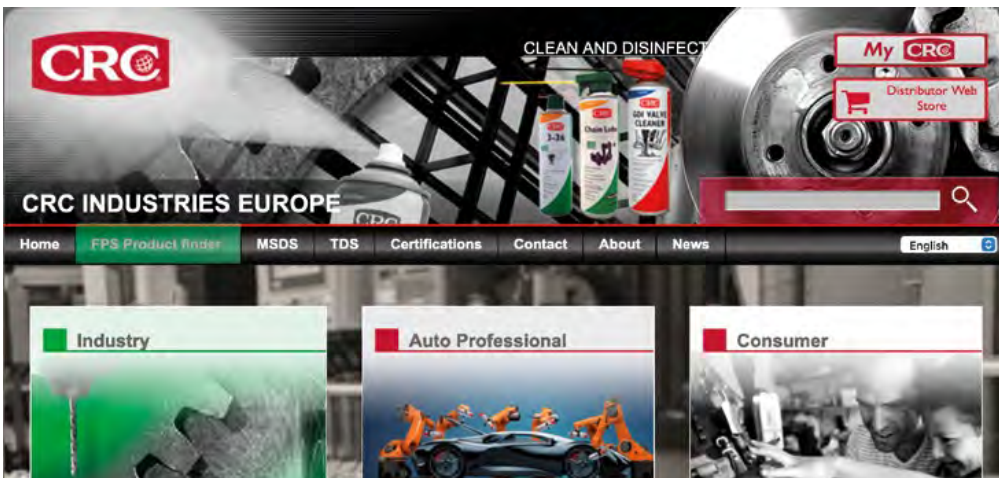


## CRC INDUSTRIES EUROPE CAN NOW BE FOUND ON YOUTUBE!

Search for CRC Industries Europe on Youtube and you will be able to view all our new animated product videos! Subscribe to the channel and you will automatically receive updates on new videos!

## OR FIND OUR ANIMATED MOVIES ON THE WEBSITE!

- Go to [www.crcind.com](http://www.crcind.com)
- Click on the Industry tab
- Click on videos



Sort by Functionality

### Product

- Zinc Primer**  
Corrosion protective primer, easy to paint over.
- Alu HiTemp**

### Functionality

- Anti - Corrosion Products**
- Anti - Corrosion Products**

[WWW.CRCIND.COM](http://WWW.CRCIND.COM)

# SPATTER RELEASE

**SOLVENT BASED  
NON-FLAMMABLE**

**SOLVENT  
BASED**

**WATER  
BASED**

**PASTE**

**TORCH**



# CLEANERS

**PICKLING PASTE**



# NON-DESTRUCTIVE TESTING (NDT)

**SOLVENT  
CLEANER**

**PENETRATING  
COLORANT**

**DEVELOPER**



## ANTI-SPATTER PRODUCTS

Ensure an easy removal of spatter on metal surfaces and protect the area around the welding seam from spatter.

CRC anti-spatter products also prevent the obstruction of the nozzle of automatic and semi-automatic welding equipment, thus ensuring a free gas flow and a free supply of welding material.

### ANTI SPATTER

Non-flammable, solvent based anti spatter; for use on site.

Does not affect post welding operations. No silicones or flammable solvents. Anti-Spatter film is easily wiped away.



| Ref.  | SIZE           |
|-------|----------------|
| 32318 | Aerosol 500 ml |

### EASY WELD

Economic anti spatter; for use in the workshop.

Provides a quick, easy way to prevent adherence of spatter to metal surfaces, and eliminates the need for chiselling, grinding or wire brushing after welding. Economical in use due to its thin film performance. Non-silicone, heat resistant barrier.

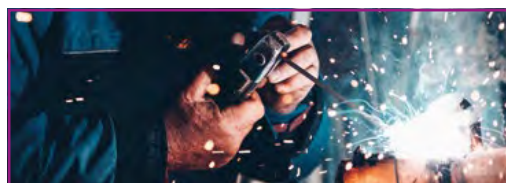


| Ref.  | SIZE           |
|-------|----------------|
| 30738 | Aerosol 500 ml |

### ECO BIO WELD

Non-flammable water based anti spatter; ideal when galvanising will be performed afterwards.

Readily biodegradable according to OECD 301B: 68% (Bulk, 74%). Odourless, non-flammable and safe in use. Fine spray pattern ensures total control and economical coverage. Allows post welding operations, painting, plating, galvanising etc to be undertaken without interference. Contains a rust inhibiting agent.



| Ref.  | SIZE           |
|-------|----------------|
| 31913 | Aerosol 500 ml |
| 10742 | Bulk 5 L       |
| 30606 | Bulk 20 L      |
| 30607 | Bulk 200 L     |

# WELDING-ANTI-SPATTER & CLEANERS

## TORCH CERAMIC ANTI SPATTER

High-performance ceramic anti-spatter spray providing a long lasting protection against spatter build-up on the torch and on your welding equipment.

Prevents the build-up of welding material on the torch. The ceramic coating protects gas nozzles, contact tips and the contact tip holders during MIG/MAG welding, even at higher amperages and temperatures. CRC Torch Ceramic Anti Spatter guarantees the ultimate protection and eliminates the excessive spatter build-up on your consumables. CRC Torch Ceramic Anti Spatter is a Boron Nitride coating with high temperature adhesive properties.



| Ref.  | SIZE           |
|-------|----------------|
| 33289 | Aerosol 250 ml |



## ANTI SPATTER PASTE

Pasty anti spatter for protection of the welding torch.

Prevents the build-up of welding material on the torch.

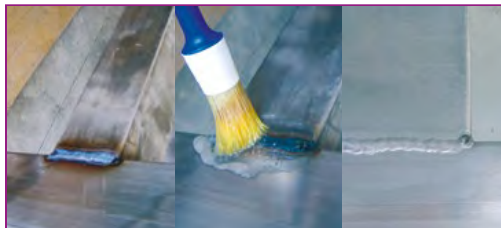
| Ref.  | SIZE       |
|-------|------------|
| 10747 | Tin 500 ml |



## INOX WELD KLEEN

Restores the original characteristics of Stainless Steel after welding.

CRC Inox Weld Kleen is a pickling paste that restores the original characteristics of stainless steel after welding or heat treatment. Degreasing, cleaning, pickling and passivating of austenitic and duplex stainless steel 303, 304, 316, ..., nickel and aluminum. Fast-working, very efficient, economical and practical to use.



| Ref.  | SIZE      |
|-------|-----------|
| 30379 | Bulk 2 Kg |





# CRICK NON DESTRUCTIVE TESTING SYSTEM (NDT)

CRC Crick is a high-quality dye penetrant testing system that detects **cracks up to 30µm**. The system is developed to ensure that almost anyone can easily learn to use it; with only three ready-to-use aerosols, you can perform the complete test. Combine this with the extraordinary quality of the Crick products and you can be confident that every crack will be detected.

## WHY USE THE CRICK SYSTEM?

- Highly sensitive testing method: **detects cracks up to 30µm!**
- Applicable on most materials and complex geometric shapes
- Easy-to-use & easy-to-learn.
- Quick results thanks to fast-drying formula.
- Low sulphur and low halogen content.



All Crick batches are sample tested according to **EN ISO 3452-2** and **ASME Code Section V**.

**EN ISO 3452-2:** This ISO-norm specifies the technical requirements and test procedures for penetrant materials for their type testing and batch testing.

**ASME Code Section V:** Specifies the requirements for the NDT methods, specifically for boilers and pressure vessels.

## CRICK SET

This convenient testing kit provides everything you need for dye penetrant testing. Ideal for trying the CRC Crick NDT system out.

This kit includes:

- **Crick 110 Cleaner** - Aerosol 500 ml
- **Crick 120 Penetrant** – Aerosol 500 ml
- **Crick 130 Developer** – Aerosol 500 ml



| Ref.  | SIZE                    |
|-------|-------------------------|
| 30763 | Aerosol 500 ml Set of 3 |



# WELDING - NON-DESTRUCTIVE TESTING

The CRC Crick system detects in a quick and reliable way, small cracks or failures in welding seams, without expensive equipment or destructive testing. (NDT - Non-destructive testing)

## CRICK 110

A solvent-based cleaner/degreaser specifically developed for the thorough removal of all contaminants before inspection with Crick 120 penetrant.

- Effective: cleans deep into the cracks
- Efficient: fast-drying formula

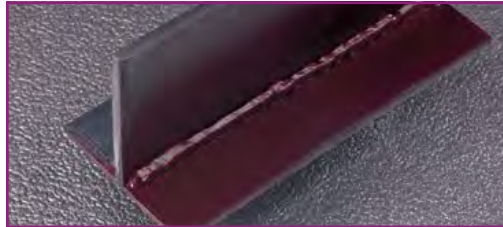


| Ref.  | SIZE           |
|-------|----------------|
| 30723 | Aerosol 500 ml |

## CRICK 120

A red coloured penetrant that flows into tiny surface cracks within a time frame of 10 to 20 minutes. Visible with natural white light.

- Highly sensitive dye: flows into tiny cracks
- Water-washable



| Ref.  | SIZE           |
|-------|----------------|
| 30205 | Aerosol 500 ml |

## CRICK 130

Highly absorbant developer that highlights cracks and failures. Cracks up to 30 µm can be detected. Easy to clean with Crick 110.

- Effective: Detects cracks up to 30µm
- Efficient: cracks detected in less than 7 minutes\* after applying.



| Ref.  | SIZE           |
|-------|----------------|
| 20790 | Aerosol 500 ml |

\* Depending on the environmental conditions



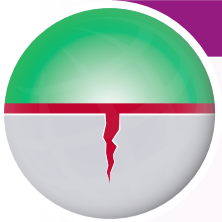
## Step-by-step guide



### Step 1 CRICK 110 – CLEAN THE SURFACE

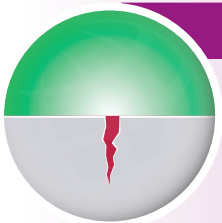
Before testing, the surface must be clean, degreased and dry. All soiling that can mask imperfections must be removed.

- Spray the Crick 110 cleaner generously on the surface
- Wipe the surface clean with an absorbent cloth
- Allow to dry thoroughly



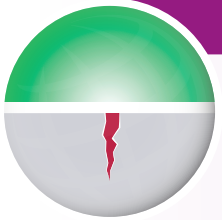
### Step 2 CRICK 120 – APPLY PENETRANT

- Shake the can of Crick 120 prior to use.
- Spray the penetrant in a light, even film on the surface, covering all areas that need to be tested.
- Allow to penetrate for 10 to 20 minutes.



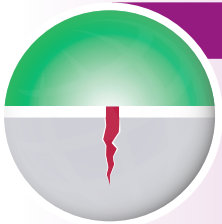
### Step 3 CRICK 110 – REMOVE EXCESS PENETRANT

- Apply Crick 110 cleaner on a lint-free cloth
- Wipe the surface until all visible, coloured traces are removed. Make sure that you do not wash the penetrant out of the cracks.



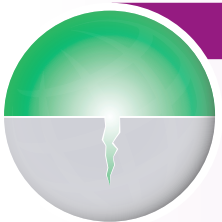
### Step 4 CRICK 130 – APPLY DEVELOPER

- Shake the can of Crick 130 thoroughly prior to use, for at least 1 minute.
- Spray a light, homogeneous coat of developer from a distance of about 20 cm. Avoid any excess of developer to avoid masking the finest flaws.
- Allow to develop for at least 7 minutes\*.



### Step 5 VISUAL INSPECTION OF DEFECTS

- Inspect the surface for red spots or line
- After the drying time, defects appear as red spots or lines on the white background. The wider and more intense the colouring is, the wider and deeper the crack is.



### Step 6 POST-TREATMENT (IF REQUIRED)

**Cleaning:** Crick 110 can be used to post-clean the surface by spraying the cleaner on the surface and wipe it off.

**Protection:** Protect your metals with one of CRC's corrosion protection products (see [www.crcind.com](http://www.crcind.com) for the complete product range).



Check the step-by-step Crick application video.



## SOFT LOCK

Dismountable locker for threaded metal connections.

A blue colored medium strength anaerobic adhesive. CRC Soft Lock is used to lock those threaded connections that will have to be dismantled in the future, by use of normal tools and without damaging the parts or fittings. Recommended for use on threaded connections from M5 till M16.

| Ref.  | SIZE         |
|-------|--------------|
| 30111 | Bottle 10 ml |
| 30696 | Bottle 50 ml |



Temporary

## EXTRA LOCK

Permanent locker for threaded metal connections and fixation of bearings.

A green colored high strength anaerobic adhesive. CRC Extra Lock is used to lock those threaded connections that need a certain fixation and may not loosen during operation. CRC Extra Lock is also suitable for locking bearings and axes. Recommended for use on threaded connections from M5 till M16, as well as on bearings and bushings.

| Ref.  | SIZE         |
|-------|--------------|
| 30697 | Bottle 50 ml |



Permanent

## EASY SEAL

Liquid seal for threaded metal couplings.

A white colored low strength anaerobic adhesive, used to seal threaded connections in hydraulic or pneumatic installations, as well as threaded connections in the plumbing business. The position of components can be adjusted during an extended period, even under low pressure. Recommended for use till 3" BSP connections.

| Ref.  | SIZE                 |
|-------|----------------------|
| 30698 | Squeeze Bottle 50 ml |



Thread

## RIGID SEAL

Liquid seal for machined metal flanges.

An orange colored high strength anaerobic adhesive. CRC Rigid Seal is used to seal stiff, machined metal flanges that are used in industrial piping, engine covers, gearbox covers and hydraulic or pneumatic installations. Excess of material can be wiped off with a dry cloth or is dissolved in oil.

| Ref.  | SIZE                 |
|-------|----------------------|
| 30699 | Squeeze Bottle 50 ml |

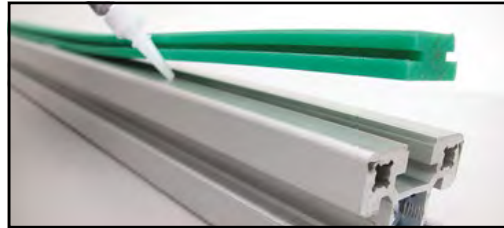


Flange

## QUICK FIX

Cyanoacrylate adhesive for general, non-structural bonding on metals and plastics.

Designed for general use. CRC Quick Fix has a relatively slow curing time, enabling correct positioning for precise work during some seconds.

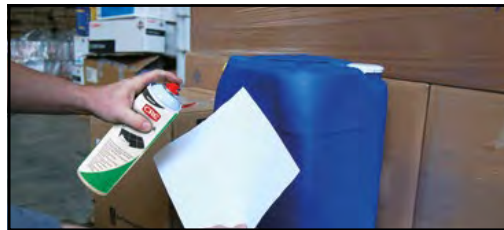


| Ref.  | SIZE                |
|-------|---------------------|
| 30710 | Tube in Blister 3 g |
| 30709 | Bottle 20 g         |

## FAST STICK

Fast tacking, non-chlorinated spray adhesive.

This specialist formulation will provide instant 'grab', allowing stress to be exerted on the bond before full cure strength is achieved. Especially useful for vertical surfaces where instant grab avoids slippage. Tack time approximately 30 seconds.



| Ref.  | SIZE           |
|-------|----------------|
| 30383 | Aerosol 500 ml |

## POWER STICK

High strength adhesive.

Does not contain Methylene Chloride or other chlorinated solvents. CRC Power Stick has a long open bond time, allowing large areas to be covered before the film dries. Use where a high strength adhesive is required e.g. upholstery, warning and information signs. Tack time approximately 2-10 minutes.



| Ref.  | SIZE           |
|-------|----------------|
| 30454 | Aerosol 500 ml |

## HAND SPRAYER

Simple refillable spraybottle.

The spray pressure is generated by a trigger movement. The hand sprayer can be used for all CRC bulk products except the cleaners.

| Ref.  | SIZE               |
|-------|--------------------|
| 32168 | Handsprayer 500 ml |



## PUMP SPRAYER

Refillable spraybottle.

The pressure for spraying is generated by a manual pump system. The pressure available in the bottle allows a constant spray pattern for a longer time. The pump sprayer can be used for most CRC bulk products.

| Ref.  | SIZE           |
|-------|----------------|
| 30463 | Pumpsprayer 1L |



# GLOSSARY OF TERMS

## AEROSOL

A self-contained sprayable product comprising of a mixture of active ingredients, carriers and propellant contained in a steel or aluminium container which discharges the formulation under pressure. Aerosols are hermetically sealed, ensuring risk of spillage is removed, storage simplified, and combustion risks minimised - all benefiting Health & Safety guidelines. Assists with precise and controlled application.

## BARRIER PROTECTION

Barrier protection is one of two primary methods of protecting metals from corrosion. By coating the metal with a suitable product (e.g. Acrylic Paints; Bright, Cold Galvanise; Inox 200, etc), corrosion is unable to take place because electrolytes (such as rain water) are unable to come into contact with the metal and an electron flow cannot be established, thus preventing galvanic corrosion.

## BIODEGRADATION / BIODEGRADABLE

The process by which organic substances are broken down into harmless constituents by the natural action of living micro-organisms.

## CATHODIC PROTECTION

Cathodic protection is based on the ionic charge of the metal and the reversal or mitigation of the flow of electrons as found in galvanic corrosion. The protective coating applied should have a lower potential (volts) than the metal it is to protect so that the coating is corroded in preference to the base metal - with protection often extending beyond the physical edge of the coating. By offering itself for corrosion instead of the base metal, this type of coating is often termed 'sacrificial' and is, in essence, how galvanised steel is protected.

## DIELECTRIC STRENGTH

The maximum electrical field strength that an insulating material can withstand intrinsically without decomposing, usually specified in volts per millimetre of thickness. Also known as the breakdown voltage.

## EDTA

EDTA is the chemical compound ethylenediaminetetraacetic acid, also known as diaminoethanetetraacetic acid disodium salt. It is most commonly used as a constituent in water based cleaning chemicals to bind with a water soluble compound. This use has now become less prominent due to concerns over the biodegradability and EDTA has also found some specialist uses as a preservative in some processed foods and cosmetics.

## EMULSION

A combination of water-soluble and water-insoluble chemical groups held together by a surfactant. Emulsions are usually milky white.

## EPP

See page 5.

## EVAPORATION RATE

The rate at which a material will vaporise (evaporate) when compared to the known rate of vaporisation of a standard material. The designated standard material is usually n-butyl acetate, with a vaporisation rate designated as 1.0. The higher the number, the faster the evaporation rate.

## FDA

The FDA (Food and Drugs Administration) ensures that all ingredients used in foods are safe, and that food is free of contaminants such as disease-causing organisms, chemicals, or other harmful substances. The FDA reviews the results of laboratory, animal and human clinical testing conducted by companies to determine if the product they wish to place on the market is safe and effective. The FDA does not develop or test products itself, nor issue approvals.

## FILM STRENGTH

The measurement of a lubricant's ability to keep an unbroken film during operation (load) conditions.

## FLASH POINT

The lowest temperature at which the vapors of a solvent will flash (ignite) under specific test conditions.

## GALLING

The process by which metal components 'cold weld' and seize. When two metals are brought together under pressure, the action of forcing the surfaces together can cause the contacting faces to begin to combine at an atomic level, fusing the pieces

together. Where stainless steel or aluminum alloys are used, the friction can scour off the thin, non-reactive protective oxide layer, exposing clean reactive material - allowing atomic fusing to occur. Galling can be prevented by the use of a lubricant, such as bearing grease, however, grease needs to be 'worked' before full lubrication is achieved, therefore a running-in paste should be used to prevent galling in this start-up period.

## GALVANIC CORROSION

Is an electrochemical process which occurs when two metals with differing electrical potentials are in contact with each other in the presence of an electrolytic solution (such as rain water).

## GALVANISING

Galvanising is the process by which clean, degreased ferrous metal (i.e. steel) has a layer of zinc applied to its surface using extreme heat to form an inseparable alloy at the point where the two layers are fused. Zinc will be corroded in preference to the ferrous substrate thereby preventing structural corrosion. This type of coating is referred to as a 'sacrificial coating'.

## ISO 9001

Internationally recognised Quality Management system standard, indicating our commitment to quality and continuous improvement. The standard has been developed to provide a framework around which a quality management system can effectively be implemented.

## KB VALUE

The Kauri Butanol (KB) value is a measure of the relative solvent power of a hydrocarbon liquid. The higher the KB value, the more powerful the solvent.

## MODULUS

Where two substrates/surfaces are bonded together with either an adhesive or sealant, they are often subject to forces which could, with enough pressure, result in the bond failing. Modulus is measured in Pascal's. Low modulus means the bond is more flexible and has more 'give' in it, i.e. good for expansion joints. High modulus means that the bond is stiffer and less flexible.

## MRO

Abbreviation for the term "Maintenance, Repair, and Overhaul". Typically associated with the service and repair sectors, including plant and site maintenance / engineering.

## NLGI GRADE

A widely used classification for lubricating greases established by the National Lubricating Grease Institute and a reference to the measure of the consistency of a particular grease. The most common consistency number is #2. Softer grades, especially #0 and #1, are often used for improved low-temperature service. High consistency numbers, #3 through #6 are used for certain high-speed bearings where leakage and sealing are particular concerns. The higher the number, the more viscous the grease.

## NSF

See page 8.

## OZONE DEPLETERS

Halogen-containing substances known to reduce the protective effects of the stratospheric ozone layer. Aerosols manufactured within Europe have been free of ozone depleting substances for many years.

## pH

A scale ranging from 0 to 14 used to measure acidity and alkalinity. The lower the number the more acidic; the higher the number, the more alkaline; 7 is neutral.

## POTABLE WATER

Water of sufficient quality to serve as drinking water is called potable water whether it is used as such or not. Although most fresh water sources are drinkable by humans, they can be a disease vector or cause long-term health problems if they do not meet certain water quality guidelines.

## POUR POINT (PP)

The lowest temperature at which a fluid still can be pumped.

## PTFE

PTFE is the abbreviation for polytetrafluoroethylene. PTFE appears in the Guinness Book of Records as having the lowest coefficient of static and dynamic friction of any solid. This value, at 0.02, is equivalent to wet ice on wet ice, indicating its extreme anti-friction properties.

## REACH

Registration, Evaluation and Authorisation of Chemicals. REACH is an EU-wide reform of the regulatory environment in which chemicals are used and will eventually replace and update many other pieces of chemical control legislation. The aim is to reduce the risks to human health and the environment through the methodical and accurate identification of the properties of chemical substances. Whilst there is no definitive list of 'approved' chemicals as yet, a series of deadlines will ensure that the highest volume and most harmful are evaluated first. REACH relies on end-user application information to be filtered up through the supply chain to establish accurate registration and evaluation. More information can be found at: [www.hse.gov.uk/reach](http://www.hse.gov.uk/reach).

## RAL

In 1925, the private sector and the German government founded the "Reichsausschuss für Lieferbedingungen" - RAL - (Committee of the German Reich for Terms and Conditions of Sale). RAL's original task was to standardise precise technical terms of delivery and sale. The RAL color collection comprises over 200 colors with a four-digit numbering. The registers also include safety and signal colors and they comply with the requirements of the DIN standards (German Industrial Standards). The basic collection for matt color shades is the register RAL 840 HR while it is the RAL 841 GL register for gloss colors. RAL 840 HR is the European-wide 'registered' standard colors for the coatings industry.

## RTV - ROOM TEMPERATURE VULCANISATION

Vulcanisation refers to a specific curing process of rubber involving high heat and the addition of sulphur. It is a chemical process in which polymer molecules are linked to other polymer molecules resulting in springy rubber molecules which become cross-linked. This makes the material harder, much more durable and also more resistant to chemical attack. Vulcanisation which occurs without the need for heat and sulphur, usually by the addition of activating chemicals, is known as Room Temperature Vulcanisation as the rubber 'cures' at around 25°C.

## SHELL 4-BALL WELD

An industry standard test which provides an indication of the load bearing capability of a lubricant. A steel ball is loaded and rotated against 3 fixed steel balls for 10 seconds. At the end of each 10 second run, a further weight is loaded onto the balls, and the test re-run using fresh lubricant. The test is complete when the balls weld together. The weld point is the load at which this occurs. The higher the weld point, the greater the lubricity (lubricating ability) of the grease.

## SURFACTANT

A descriptive term derived from 'Surface Active Agent', a specialised compound that is typically used to connect water soluble and water-insoluble chemical groups. Can be used to improve the emulsifying, foaming, dispersing and wetting properties of a product

## THIXOTROPIC

A term used to describe fluids which are shear thinning. In essence, most thixotropic substances are gel-like, meaning that they retain their shape upon application, but when heated or subjected to shear stress, their shape will change and they will become thinner. The word comes from the Greek 'thixis' for touch and -tropic, from 'tropos' meaning changeable.

## USDA

See page 8.

## VISCOSITY

A term used to describe the resistance to flow or degree of 'thickness' of a liquid, usually expressed in units of poise or stokes. The more viscous a product, the thicker its consistency.

## VISCOSITY INDEX (VI)

Relationship of viscosity in function of temperature.

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# FPS PRODUCT SELECTION GUIDE



| Product                  | NSF code | Use where            |            | Food Contact |             | Pre-treatment | Post-treatment   |  |   |
|--------------------------|----------|----------------------|------------|--------------|-------------|---------------|------------------|--|---|
|                          |          | Food processing area | Incidental | No           | Water rinse |               | Odor dissipation |  |   |
| <b>LUBRICANTS</b>        |          |                      |            |              |             |               |                  |  |   |
| Multi Oil                | H1       | X                    | X          |              |             |               |                  |  |   |
| Chain Lube               | H1       | X                    | X          |              |             |               |                  |  |   |
| Silicone                 | H1       | X                    | X          |              |             |               |                  |  |   |
| Pen Oil                  | H1       | X                    | X          |              |             |               |                  |  |   |
| Dry Lube-F               | H1       | X                    | X          |              |             |               |                  |  |   |
| Extreme Lube             | H1       | X                    | X          |              |             |               |                  |  |   |
| 3-36                     | H2       | X                    |            | X            |             |               |                  |  |   |
| <b>GREASES</b>           |          |                      |            |              |             |               |                  |  |   |
| Assembly Paste           | H1       | X                    | X          |              |             |               |                  |  |   |
| EP Food Grease           | H1       | X                    | X          |              |             |               |                  |  |   |
| HiTemp Food Grease       | H1       | X                    | X          |              |             |               |                  |  |   |
| Food Grease              | H1       | X                    | X          |              |             |               |                  |  |   |
| <b>SPECIALTY</b>         |          |                      |            |              |             |               |                  |  |   |
| Belt Grip                | H1       | X                    | X          |              |             |               |                  |  |   |
| Sugar Dissolving Fluid   | H1       | X                    | X          |              |             |               |                  |  |   |
| ECO Leak Finder          | P1       | X                    |            | X            |             |               |                  |  |   |
| <b>CLEANERS</b>          |          |                      |            |              |             |               |                  |  |   |
| ECO Complex Blue         | A1       | X                    |            | X            |             |               |                  |  | X |
| ECO Foam Cleaner         | A1       | X                    |            | X            |             |               |                  |  | X |
| Inox Kleen               | A7<br>C1 | X                    |            | X            |             |               |                  |  | X |
| Industrial ECO Degreaser | A8<br>K1 | X                    |            | X            |             |               |                  |  | X |
| Industrial Degreaser     | A8<br>K1 | X                    |            | X            |             |               |                  |  | X |
| Dust Free 360 & Turbo    | K2       | X                    |            | X            |             |               |                  |  | X |
| Contact Cleaner          | K2       | X                    |            | X            |             |               |                  |  | X |
| Flatscreen Cleaner       | K2       | X                    |            | X            |             |               |                  |  | X |
| Label Off Super          | K3       | X                    |            | X            |             |               |                  |  | X |



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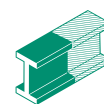
CLEANERS



LUBRICANTS



RELEASE AGENT



ANTI-CORROSION



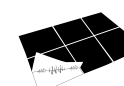
PAINTS



SPECIALTY



WELDING



ADHESIVES



ACCESSORIES