

# CIP



# Corrosive Inhibiting Primer



- **Coverage:**  
15m<sup>2</sup> per litre
- **Drying Time:**  
Touch Dry – 6 Hrs  
Re-coat – With Oil/Alkyd Paints or CIP - 24 Hrs  
                  With High Solvent Finishes - 48 Hrs  
The re-coat times should be extended by 24 hours if air temperature is low or there is high humidity
- **Sizes:**  
500ml, 2.5Ltr, 20 Ltr
- **Application:**  
Brush, Roller, Spray

## Rust Problems Solved

CIP (Corrosive Inhibiting Primer) is a non toxic, coloured anti-corrosive primer that possess the penetrating properties of Owatrol Oil with the added benefit that it may be over coated with any coating from an ordinary decorative paint to a high solvent finish (urethane, epoxy, chlorinated rubber etc) without risk of it dissolving.

Simple and easy to use it may be applied by brush, roller or spray with minimal preparation. CIP stabilises the surface penetrating deep into the substrate, driving out excess moisture and air to form a solid stable layer that other coatings can firmly adhere to. CIP adheres exceptionally well to clean, bright metal.

Suitable for interior and exterior surfaces, CIP is ideal in difficult conditions such as Tropical or Marine climates and where a high resistant finish is to be applied or necessary.

CIP maybe used on new or rusted metal and is especially recommended for the protection of cars, civil engineering and marine equipment, nautical ballast tanks as well as every day items such as metal railings and gates.



**Accepts ALL Paint Types**

**Interior & Exterior Use**

**Easy Application**

**Minimal Surface Preparation**

**Ideal For Difficult Conditions**

**Uniform Coverage**


Igoe International Ltd. Unit 12, Enterprise Centre, 25 Greenhill Crescent, Watford. WD18 8XU


Tel: 0845 061 8899 Fax: +44 (0) 1923 219 144

Email: [sales@igoeinternational.com](mailto:sales@igoeinternational.com) Website: [www.igoeinternational.com](http://www.igoeinternational.com) : [www.owatrol.uk.com](http://www.owatrol.uk.com)

Copyright 2004 © Designed & Developed by Igoe International Ltd. This leaflet is protected under the terms of license issued by the Copyright Licensing Agency and may not be reproduced in any form without prior permission of the author or company

14/02/08

|   |  |   |  |          |                |                 |
|---|--|---|--|----------|----------------|-----------------|
| <p><b>Printed</b><br/>February 08</p>   | <p><b>CIP</b><br/><b>Corrosive Inhibiting Primer</b><br/><b>Technical Data Sheet</b></p> |  |  |          |                |                 |
| <p><b>Description</b><br/>Owatrol CIP (Corrosive Inhibiting Primer) is a non toxic, coloured anti-corrosive primer, that possess the penetrating properties of Owatrol Oil with the added benefit that it may be overcoated with any coating from an ordinary decorative paint to a high solvent finish (urethane, epoxy, chlorinated rubber, automotive paint) without risk of it dissolving. CIP stabilises the surface penetrating deep into the substrate, driving out excess moisture and air to form a solid stable layer that other coatings can firmly adhere to. CIP adheres exceptionally well to clean, bright metal. With CIP, sand or shot-blasted surfaces do not require immediate priming; a light rust coating will not affect its performance or the final result.</p> <p><b>Where to use</b><br/>Suitable for interior and exterior surfaces, CIP is ideal in difficult conditions such as Tropical or Marine climates and where a high resistant finish is to be applied or necessary. CIP maybe used on new or rusted metal and is especially recommended for the protection of cars, civil engineering &amp; marine equipment, nautical ballast tanks, as well as every day items such as metal railings and gates.</p> <p><b><u>TECHNICAL DATA</u></b></p> <p><b>Finish:</b> Satin<br/> <b>Vehicle Type:</b> Owatrol Oil<br/> <b>Shelf Life:</b> 8 years when stored properly<br/> <b>VOC:</b> Does not exceed 514 gms/litre<br/> <b>Flash Point:</b> +65°C<br/> <b>Temperature Application:</b> 5°C – 35°C<br/> <b>Temperature Resistance:</b> 175°C</p> <p><b>Coverage</b><br/>15m<sup>2</sup> per litre</p> <p><b>Film Thickness</b></p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: center;">Wet Film</td> </tr> <tr> <td>Clean Surfaces</td> <td style="text-align: center;">20 – 30 microns</td> </tr> </table> <p>The wet film thickness on heavily rusted or pitted surfaces will be difficult to measure since the porosity of the substrate will allow the product to penetrate more rapidly as well as providing cavities in the surface which cannot be measured accurately</p> <p><b>Drying Time</b><br/> Touch Dry – 6 hours<br/> Re-coat – With Oil/Alkyd based paints or CIP - 24 hours<br/>                     With High Solvent Finishes i.e. epoxy, urethane, chlorinated rubber - 48 hours</p> <p><b>Note</b><br/>The re-coat times should be extended by 24 hours if air temperature is low or there is high humidity</p> <p><b>Application Method</b><br/> Brush – Natural or Synthetic bristle<br/> Roller – Short or Medium pile<br/> Airless Sprayer (0.4mm x 80° @ 1860 – 2000psi (128 – 138 bars)</p> <p><b>Limitations</b><br/>No known limitations</p> <p><b>Sizes:</b><br/>500ml, 2.5ltr, 20ltr</p> <p><b>Colour</b><br/>Brick red</p> |  |   |  | Wet Film | Clean Surfaces | 20 – 30 microns |
|   | Wet Film   |   |  |          |                |                 |
| Clean Surfaces  | 20 – 30 microns  |   |  |          |                |                 |

|                                       |   |   |
|---------------------------------------|---|---|
| <p><b>Printed</b><br/>February 08</p> | <h1>CIP</h1> <h2>Corrosive Inhibiting Primer</h2> <h3>Technical Data Sheet</h3> |  |
|---------------------------------------|---|---|

**Direction for use:**

**SURFACE PREPARATION**

Surfaces must be clean, dry and free from oil, grease and other surface contaminants  
Remove all loose and flaking rust, scale and old paint back to a sound surface using a wire brush or scraper  
Feather in all sharp paint edges  
Surfaces exposed to chemicals (acids, alkalis or slat deposits) should be washed using copious amounts of water or steam cleaned  
Severely contaminated surfaces should be cleaned using an appropriate solvent

**APPLICATION**

Stir or shake can well before and during use  
Do not dilute

**Old Severely Rusted Surfaces**

Apply 3 coats of CIP allowing drying time between coats

**Clean, Lightly Rusted or New Unpainted Rusty Steel**

Apply 2 coats of CIP allowing drying time between coats

**Previously Coated Surfaces**

Spot prime all exposed metal with 2 coats of CIP allowing drying times between coats  
Apply 3<sup>rd</sup> coat over entire area and allow to dry

**Good Application Practice**

Cover everything you do not wish to paint

**Clean Up**

Clean all tools and equipment with white spirit whilst still wet  
Any rags soaked in CIP should be dipped in water before disposing with household waste  
Store and maintain equipment as directed by manufacturer

**Health & Safety**

Material Safety Data Sheets for this and all other Owatrol products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks

**Availability**

CIP is available in the **UK** only, through quality paint stores and marine outlets

For further information please contact the address below



## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or preparation:

Name: RUSTOL CIP.  
Product code: CIP01.

#### Company/undertaking identification:

Registered company name: DURIEU S.A..  
Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.  
Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.  
sp.auger@durieu.com  
www.durieu.com

#### Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: ORFILA / INRS <http://www.centres-antipoison.net>.

#### Use of the substance/preparation:

Corrosion Inhibitor Primer

### 2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site  
May produce an allergic reaction.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

#### Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

#### Other substances representing a hazard:

No known substance in this category present.

#### Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

#### Other substances with occupational exposure limits:

No known substance in this category present.

#### Other components:

| INDEX        | CAS        | EC        | Name  | Symb. | R: | %               |
|--------------|------------|-----------|---|-------|----|-----------------|
| 649-327-00-6 | 64742-48-9 | 265-150-3 | NAPHTHA (PETROLEUM),<br>HYDROTREATED HEAVY      | Xn    | 65 | 0 <= x % < 2.5  |
| 649-330-00-2 | 64742-82-1 | 265-185-4 | NAPHTHA (PETROLEUM),<br>HYDRODESULFURIZED HEAVY | Xn    | 65 | 25 <= x % < 50  |
| 649-345-00-4 | 8052-41-3  | 232-489-3 | STODDARD SOLVENT                                | Xn    | 65 | 2.5 <= x % < 10 |

#### May produce an allergic reaction:

| INDEX | CAS        | EC | Name   | Symb. | R:       | %              |
|-------|------------|----|--|-------|----------|----------------|
|       | 68409-81-4 |    | ACIDES GRAS RAMIFIES EN C6-C19,<br>SELS DE COBALT (2+) | Xn    | 38 22 43 | 0 <= x % < 2.5 |

### 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing in an unconscious person.

#### In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

**In the event of splashes or contact with eyes:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**In the event of splashes or contact with skin:**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.  
DO NOT use solvents or thinners.

**In the event of swallowing:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.  
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

---

**5 - FIRE-FIGHTING MEASURES**

Not relevant.

**Suitable extinguishing media:**

Foam, CO2, Dry chemical.

**Extinguishing media which must not be used for safety reasons:**

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

**Special protective equipment for fire-fighters:**

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

---

**6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

**Environmental precautions:**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

**Methods for cleaning up:**

Clean preferably with a detergent, do not use solvents.

---

**7 - HANDLING AND STORAGE**

The regulations relating to storage premises apply to workshops where the product is handled.

**Handling:**

Handle in well-ventilated areas.

Prevent use in areas with flames and other ignition sources. Use appropriate electric appliances.

Keep containers tightly closed.

Avoid getting on skin or in eyes when handling product.

**Fire prevention:**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures:**

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position

**Prohibited equipment and procedures:**

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

**Storage:**

Keep the container tightly closed in a dry place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

---

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**



Use personal protection equipment as per Directive 89/686/EEC.

**Technical measures:**

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

**Exposure limit values (2003-2006):**

| ACGIH/TLV | TWA:    | STEL: | Ceiling: | Definition: | Criterion: |
|-----------|---------|-------|----------|-------------|------------|
| 8052-41-3 | 100 ppm | -     | -        | -           | -          |

**Respiratory protection:**

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

**Hand protection:**

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

**Eye and face protection:**

Use eye protectors designed to protect against liquid splashes

**Skin protection:**

For further information, see § 11 of S.D.S. - Toxicological information.

---

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not relevant.

Flash point interval: Flash point: > 60°C

vapour pressure: not relevant.

Density: < 1

water solubility: Insoluble.

Partition coefficient: n-octanol/water: <1

Vapour density: >1

**Other information:**

melting point/melting range: not specified.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

VOC (g/l): 426

---

**10 - STABILITY AND REACTIVITY**

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

**Conditions to avoid:**

Refer to §7.

## 11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

### In the event of exposure by inhalation:

Refer to §4 "FIRST AID".

### In the event of swallowing:

Refer to §4 "FIRST AID".

### In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

### In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

### Other data:

Formula sent to the I.N.R.S.

-

---

## 12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

### Mobility:

Contains volatile products that will disperse in air.

Contains a solid phase.

### Persistence and degradability:

Not easily biodegradable.

### Ecotoxicity:

Harmful to aquatic organisms, can cause long lasting negative effects on the aquatic environment.

Do not leave this product, not diluted or in great quantity, penetrate the ground water, waters or the drains.

---

## 13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

### Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

---

## 14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

---

## 15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This product is not classed as flammable.

**Contains:**

Contains ACIDES GRAS RAMIFIES EN C6-C19, SELS DE COBALT (2+). May produce an allergic reaction.

**Particular hazards associated with the preparation and safety recommendations:**

|      |   |
|------|---|
| S 2  | Keep out of the reach of children.  |
| S 23 | Ne pas respirer les gaz/fumées/vapeurs/aérosols.  |
| S 24 | Avoid contact with skin.  |
| S 62 | If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. |
|      | Marine Pollutant P.   |

---

**16 - OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

**Full text of risk phrases appearing in section 3:**

|      |  |
|------|--|
| R 22 | Harmful if swallowed.                        |
| R 38 | Irritating to skin.                          |
| R 43 | May cause sensitisation by skin contact.     |
| R 65 | Harmful: may cause lung damage if swallowed. |

**2004/42/EC (COV):**

The permitted European levels of VOC in the ready-to-use product (category II Ai) are 600 g/l maximum in 2007 and 500 g/l maximum in 2010.