

## SAFETY DATA SHEET

**Item Code: N0900**

Section 1.	Identification of the material and the supplier
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Item Code:	N0900
Product:	Eurocoat 8 (Socopac 8)
Product Use:	Aerosol Corrosion inhibitor
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
<b>Emergency Telephone:</b>	<b>09 526 5700</b> <b>0800 766 764 (National Poison Centre)</b>
NZ Importer:	Angell Marketing Limited PO Box 26104, Epsom, Auckland phone 021 931 830
Date of MSDS Preparation:	14 March 2017 – ver 2

Section 2.	Hazards Identification
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**This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Group Standard & EPA Approval Code: Aerosols (Flammable) – HSR002515**

**Pictograms**



Flammable



Aspiration



allergic (skin)



Ecotoxic

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
2.1.2A	H223	Flammable aerosol.	R10
6.1E(aspiration)	H304	May be fatal if swallowed and enters airways.	R65
6.3B	H316	Causes mild skin irritation.	R38
6.5B	H317	May cause an allergic skin reaction.	R43
9.1B	H411	Toxic to aquatic life with long lasting effects.	R51/R53

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P210	Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing fumes or vapours.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.

<b>Response Code</b>	<b>Response Statement</b>
P101	If medical advice is needed, have product container or label at hand.
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent

### **Section 3. Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Naphtha	50 - 60	64742-48-9
Inhibitor (sulfonate based)	1 - 5	57855-77-3
Inhibitor (sulfonate based)	10 - 15	25619-56-1
LPG Propellant	20 - 30	68476-85-7

### **Section 4. First Aid Measures**

Routes of Exposure:

- If in Eyes                      Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.
- If on Skin                        Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance
- If Swallowed                    If swallowed, call a physician immediately. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.
- If Inhaled                        Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

#### **First Aid Facilities:**

Eye wash fountain, safety shower and normal wash room facilities

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable Aerosol
<b>Hazards from decomposition products</b>	Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.
<b>Suitable Extinguishing media</b>	Use dry chemical, carbon dioxide or foam.
<b>Precautions for firefighters and special protective clothing</b>	Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.
<b>HAZCHEM CODE</b>	<b>2YE</b>

## Section 6. Accidental Release Measures

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas.

Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

### Small spills:

Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drum(s) for later disposal.

### Large spills:

Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

## Section 7. Handling and Storage

### Handling

- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- All equipment must be earthed.
- Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks.
- A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly.

### Storage

- Store in a cool place and out of direct sunlight
- Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents
- Store in original packages as approved by manufacturer.
- Do not expose to temperatures exceeding 50 °C.

## Section 8 Exposure Controls / Personal Protection

### Engineering Controls

Flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems.

### Personal Protection

Clothing: PVC or rubber apron.  
Gloves: PVC or rubber.  
Eyes: Chemical goggles or face shield to protect eyes.  
Respiratory: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.  
If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Flash Point</b>	>47°C
<b>Boiling Point</b>	140 – 200 °C
<b>Lower &amp; Upper Flammability Limits</b>	0.6% - 7%
<b>Vapour Pressure</b>	<3.2kpa
<b>Specific Gravity</b>	0.88
<b>Solubility in Water</b>	Insoluble

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal operating conditions
<b>Conditions to Avoid</b>	Avoid all sources of ignition, heat and naked flames

## Section 11 Toxicological Information

### Acute health effects

#### Swallowed:

Toxic if swallowed. Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

#### Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

#### Skin:

Toxic by skin contact. May cause irritation to the skin, with effects including; Redness and itchiness.

**Inhaled:**

Toxic if inhaled. May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

**Chronic:**

Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

**Section 12. Ecotoxicological Information**

New Zealand : HSNO Classification: 9.1B

Toxic to aquatic life with long lasting effects.

**Section 13. Disposal Considerations**

Pressurized container: Do not pierce or burn, even after use.

Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

**Section 14 Transport Information**

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

Road and Rail Transport

UN No:	UN1950
Class-primary	2.1
Subsidiary Class	3.1
Packing Group	III
Proper Shipping Name:	AEROSOLS (FLAMMABLE)

Air Transport

UN No:	UN1950
Class-primary	2.1
Subsidiary Class	3.1
Packing Group	III
Proper Shipping Name:	AEROSOLS (FLAMMABLE)

Marine Transport

UN No:	UN1950
Class-primary	2.1
Subsidiary Class	3.1
Packing Group	III
Proper Shipping Name:	AEROSOLS (FLAMMABLE)
Marine pollutant	Yes

**Section 15 Regulatory Information**

ERMA Approval Code: **Aerosols (Flammable) – HSR002515**

HSNO Classification: 2.1.2A, 6.1E, 6.3B, 6.5B, 9.1B

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	3000L (AWC)
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1000L (9.1B)
Emergency Response Plan trigger Quantities	1000L(9.1B)

**The NZ importer states that this product is Hazardous according to criteria of Worksafe Australia: Poison Schedule 5**

This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate regulations

**Section 16 Other Information**

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

**Disclaimer**

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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