



Corrosion Control International
Inshore & Offshore Corrosion Protection
Patent No. 5435667

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name Retrogel P

Use Used for corrosion protection inside splash zone and subsea protection jackets.

Supplier Corrosion Control International Oy
Mestarintie 14
06150 Porvoo
FINLAND

TELEPHONE + 358 50 570 9099
FAX + 358 98 565 7245

TELEPHONE: EMERGENCY USE ONLY +358 40 505 1878

Technical contact: sami@corrosioncontrol.com

2. HAZARDS IDENTIFICATION

EC Classification Not classified as dangerous according to EC Directive 67/548/EEC.

Hazards Low acute toxicity under normal conditions of handling and use.
May cause eye irritation. Repeated and/or prolonged skin contact may cause irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION A factory applied thixotropic hydrophobic gel used to provide primary corrosion protection inside Retrowrap jackets.

HAZARDOUS INGREDIENT (S)

INGREDIENT (S)	CAS No.	%W/W	Hazard Symbol	Risk Phrases
Technical Petrolatum	8009-03-8	90	T	R45
Corrosion Inhibitor	-	10	T	R45 R65

Technical Petrolatum, Corrosion inhibitor contains <3% DMSO and <0.1% benzene and are not considered as carcinogens, Notes, H, L, N, P
For full text of R phrases see section 16.

4. FIRST-AID MEASURES

Inhalation Remove patient from exposure, keep warm and at rest.
Obtain medical attention if ill effects occur.

Ingestion Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink.
Obtain medical attention if ill effects occur.



Corrosion Control International
Inshore & Offshore Corrosion Protection
Patent No. 5435667

Skin Contact	If irritation occurs: Wash affected skin with soap and water. If symptoms persist, obtain medical attention.
Eye Contact	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms persist, obtain medical attention.
Further Medical Treatment	Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

General:	Combustible. Thermal decomposition will evolve toxic and irritant vapors. See Also Section 10
Extinguishing Media	Foam, CO ₂ or dry powder. Water spray should be used to cool containers.
Unsuitable Extinguishing Media	Do not use water jet or water spray.
Fire Fighting Protective Equipment	A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Contain spillages. Transfer to a container for disposal.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with eyes. Avoid prolonged skin contact.
STORAGE	Keep containers properly sealed when not in use. Keep away from heat and sources of ignition. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General:	Wear suitable protective clothing.
Respirators	Not normally required.
Eye Protection	Safety spectacles. / Goggles.
Gloves	Wear suitable gloves if prolonged skin contact is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

These properties are the most relevant and no other properties are available.

Form	Soft paste
Colour	Tan
Odour	Oily hydrocarbon
Boiling Point (°C)	> 250
Specific Gravity	1.18
Flash Point (°C)	> 160
Vapour Density (Air=1)	Negligible.
Solubility (Water)	Insoluble.

10. STABILITY AND REACTIVITY

Stable under normal conditions.

Conditions to avoid	Strong oxidizing agents. (liquid chlorine, pure oxygen, calcium hypochloride, Bromine, hydrogen peroxide and chromic acid.)
Hazardous Decomposition Product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours. (smoke, carbon monoxide and various complex hydrocarbons.)

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely, but inhalation of vapours generated by heating may produce symptoms Of nausea, headache, fatigue and drowsiness.
Ingestion	Unlike route of exposure but may cause gastrointestinal irritation and diarrhoea. Aspiration of small quantities following ingestion may cause pulmonary injury.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
Long Term Exposure	Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution	Insoluble in water.
Persistence and Degradation	The product is poorly biodegradable.
Toxicity	Unlikely to have ecotoxic or environmental toxic effect.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport.

15. REGULATORY INFORMATION

European Regulations

Trade Name	Retrogel P
Company Identification	Corrosion Control International Oy Mestarintie 14 06150 Porvoo FINLAND
Safety Phrases	S2: Keep out of the reach of children. S23: No not breathe vapor/spray. S24: Avoid contact with skin. S62: if swallowed, do not induce vomiting: seek medical advice Immediately and show this container or label.
UK Control Regulations	Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals – Control of Substances Hazardous to Health Regulations HSG193.

16. OTHER INFORMATION

Risk Phrases

R45: May cause cancer
R65: Harmful: may cause lung damage if swallowed.

Additional Information

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Corrosion Control International gives no warranty as to the fitness of the product for any particular purpose and any implied warranty of condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Corrosion Control International accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective products, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

References:

This data Sheet was prepared in accordance with EC Regulation (EC) no 1907/2006