

1. PRODUCT AND COMPANY IDENTIFICATION
(Page 1 may be used as an emergency safety data sheet)**COMPANY DETAILS**Name: **Cosmo-Dec Everlasting Coatings cc** Emergency telephone no.: +27 12 669 9919Address: 60 Bodley Road
Laezonia
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0026

Tel.: 0100107182

eMail info@cosmodec.co.za

PRODUCT DETAILS

Trade Name: Pyro-Shield

Main use: Material for industrial use

CAS No.: Not applicable

Chemical Family: Acrylic

Hazchem Code: Not applicable

Chemical Name: Acrylic co-polymer

UN No.: Not applicable

2. COMPOSITION

Water-based dispersion of an acrylic co-polymer.

Hazardous Components: Not classified as hazardous

3. HAZARDS IDENTIFICATION

Main Hazard:	Not hazardous
Flammability:	Not flammable. Dried resin is combustible.
Chemical Hazard:	Not hazardous
Biological Hazard:	Not hazardous
Reproductive Hazard:	None known
Health effects - eyes:	Irritation
Health effects - skin:	Irritation. Possible dermatitis from long-term exposure
Health effects - ingestion:	Irritation
Health effects – inhalation:	Irritation
Carcinogenicity:	None known
Mutagenicity:	None known
Neurotoxicity:	None known

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VAT No: 4630232231

Reg No: 1998/022047/23

4. FIRST AID MEASURES

Product in eye:	Wash with water for several minutes. Seek medical advice
Product on skin:	Wash with water before the dispersion dries. Remove contaminated clothing.
Product ingested:	May cause nausea. Do not induce vomiting. Drink plenty of water and obtain medical advice.
Product inhaled:	Remove to well ventilated area. In severe cases seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water, carbon dioxide or dry chemicals.
Special hazards:	Product is water based and not flammable. Dry resin will burn producing carbon monoxide, carbon dioxide and sometimes oxides of nitrogen accompanied by dense black smoke.
Protective clothing:	Protective suit, self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Protective gloves, overalls and footwear. Respiratory equipment if in an enclosed area.
Environmental precautions:	Do not wash into drains unless leading to a suitable effluent process.
Small spills:	Absorb with sand or rags before the emulsion is allowed to dry.
Large spills:	Contain and pump into a receiving vessel for removal.

7. HANDLING and STORAGE

Suitable material:	Plastic-lined steel drums, mini-bulks or tanks. Do not use storage vessels or pipework made of aluminium, copper or their alloys.
Handling:	Wear protective gloves, goggles, overalls and apron (see Section 8) Observe good housekeeping practice. Keep workplace well ventilated. Open in ventilated surroundings as small levels of volatile compounds may accumulate in the head space of the containers. STIR BEFORE USE.
Storage:	Store under cover at a temperature above freezing. Drums should be properly sealed. Bulk tanks should be regularly cleaned and sterilised.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational exposure limits:	Not applicable
Engineering control measures:	Not applicable
Personal protection – respiratory:	Breathing apparatus if ventilation is not adequate
Personal protection – eye:	Safety goggles recommended.
Personal protection – skin:	Safety gloves, waterproof overalls and boots recommended in cases of severe splashing.
Other protection:	Do not eat, drink or smoke when handling product

9. PHYSICAL and CHEMICAL PROPERTIES

Physical State	Liquid
Appearance:	Milky white
Odour:	Characteristic
pH:	8 – 9 (as supplied)
Boiling point:	100°C (as for water)
Flash point:	Not applicable
Explosive properties:	Not applicable
Vapour pressure:	as for water
Density:	±1 (as for water)
Solubility – water:	fully miscible
Solubility – solvent:	soluble in some alcohols, esters and aromatic solvents

10. STABILITY and REACTIVITY

Stability	Stable under recommended conditions of storage (see Section 7)
Incompatible materials:	None
Conditions to avoid:	Extremes of temperature
Hazardous decomposition products:	None
Hazardous reactions:	None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	} Long term experience of handling this class of product under industrial conditions indicates the absence of any chronic or acute effects.
Skin and eye contact:	
Chronic toxicity:	
Carcinogenicity:	None known
Mutagenicity:	None known
Neurotoxicity:	None known
Reproductive hazards:	None known

12. ECOLOGICAL INFORMATION

Aquatic toxicity – fish:	low toxicity (<500 mg/litre)
Aquatic toxicity – daphnia:	none known
Aquatic toxicity – algae	none known
Biodegradability:	The base polymer is slowly biodegraded
German wgk:	WGK = 1, VwVwS, Kenn. Nr.662

13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste.

Disposal of product and packaging should always comply with local and national regulations.

Disposal methods:	Waste product should not be discharged directly into drains or waterways without treatment. Waste water containing product should be treated in a separation and biological treatment plant.
Disposal of packaging:	Drums may be cleaned and returned to the supplier for re-use.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT.

15. REGULATORY INFORMATION:

EEC hazard classification: None
This product contains only substances which are on the European Inventory of Existing Chemicals (EINECS)

16. OTHER INFORMATION:

The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.

Further information may be obtained from:

Cosmo-Dec Everlasting Coating CC

Telephone: 0100107182

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PYRO-SHIELD