



MATERIAL SAFETY DATA SHEET

Product: Conseal
Date printed: 04 February 2019
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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 81 595 9604
Address: 26 Bodley Road, Laezonia AH, Pretoria,
0026
Tel.: +27 10 010 7182

PRODUCT DETAILS

Trade Name: **Conseal** CAS No.: 64742-82-1 (White Spirits)
Chemical Family: styrene acrylic Hazchem Code: 3[Y]
Chemical Name: styrene acrylic solution polymer UN No.: 1993

2. COMPOSITION

Hazardous Components: Low aromatic white spirit (40%)
EEC classification: XN
R Phrases: R10 Flammable
R65 Harmful – may cause lung damage if swallowed



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3. HAZARDS IDENTIFICATION

Main Hazard:	Solvent component is flammable
Flammability:	Flammable
Chemical Hazard:	Not reactive with other chemicals
Biological Hazard:	Solvent component is toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Reproductive Hazard:	None known
Eye effects - eyes:	Irritating
Health effects - skin:	Irritating, risk of dermatitis
Health effects - ingestion:	Harmful. May cause lung damage if swallowed.
Health effects – inhalation:	Irritating, narcotic. Can affect CNS. May cause chemical pneumonia
Carcinogenicity:	None known
Mutagenicity:	None known
Neurotoxicity:	None known



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4. FIRST AID MEASURES

- Product in eye: Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
- Product on skin: Use hand cleaner / soap and water. Remove contaminated clothing. If any discomfort get medical attention.
- Product ingested: DO NOT INDUCE VOMITING. Get immediate medical attention.
- Product inhaled: Move to fresh air. In case of discomfort seek medical attention.
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5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Extinguishing media: Foam / CO₂ / Dry powder / Fog to cool and control. DO NOT use water jets
- Special hazards: Flammable with toxic fumes. Containers can burst in a fire.
- Protective clothing: Full protective suit and self-contained breathing apparatus.
- Additional advice: Keep adjacent containers cool by spraying with water.
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6. ACCIDENTAL RELEASE MEASURES

Observe all relevant local and international regulations.

- Personal Precautions: Avoid direct contact with substance. Avoid breathing vapours.
- Environmental precautions: Prevent liquids entering water courses, sewers, basements or workpits. Exclude sources of ignition and ventilate the area.
- Small spills: Contain or absorb liquid with sand, earth or other suitable non-combustible material.
- Large spills: Inform police if substance has entered a watercourse or sewer or been spilt on soil or vegetation. Contain and pump into a receiving vessel for removal



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7. HANDLING and STORAGE

Suitable material: Steel drums – NO plastic liners

Handling: Avoid breathing or contact with material
Avoid skin contact with product. Wash thoroughly after handling.
Observe good housekeeping practice.
Keep workplace well ventilated.

Storage: Containers should be tightly closed and stored in a well ventilated area away from direct sunlight and other sources of heat.
Store separately from any reactive substance, oxidisers in particular.
Do not smoke in storage areas. Recommended storage period is <6 months



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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational exposure limits:	100 ppm
Engineering control measures:	Use flameproof motors, etc. All equipment must be earthed.
Personal protection – respiratory:	Normal conditions of ventilation. Use self-contained breathing apparatus if ventilation is not adequate.
Personal protection – eye:	Safety goggles
Personal protection – skin:	Safety gloves
Other protection:	Protective footwear and overalls

9. PHYSICAL and CHEMICAL PROPERTIES

Appearance:	Clear solution
Odour:	Paraffinic
pH:	Not applicable
IBP (solvent):	Approximately 159°C
Melting point:	Not applicable
Flash point (solvent):	42°C (Abel)
Flammability:	Flammable
Autoflammability (solvent):	232 LEL: 0.9 UEL: 6.0
Explosive properties:	Not explosive
Vapour pressure:	<10
Density:	0.91
Solubility – water:	Insoluble
Solubility – solvent:	Soluble in low aromatic solvents

10. STABILITY and REACTIVITY

Stability:	Stable under recommended conditions (see Section 7)
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.
Materials to avoid:	Strong oxidising agents
Incompatible materials:	Inert – no reaction with fire-fighting water
Hazardous decomposition products:	Dense black smoke from fire



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11. TOXICOLOGICAL INFORMATION

- Acute Toxicity: Refiner confirmed Benzene <.1% in solvent component. R45 dropped. LD 50 expected to be above 2000 mg/kg
- Skin and eye contact: Slight irritant. Prolonged or repeated skin contact may cause defatting of the skin which can lead to dermatitis.
- Chronic toxicity: Not toxic
- Carcinogenicity: Not known to be carcinogenic
- Mutagenicity: Not known to be mutagenic
- Neurotoxicity: Not known to be neurotoxic
- Reproductive hazards: None known
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12. ECOLOGICAL INFORMATION

- Aquatic toxicity – fish: The white spirit component is harmful: 10<LC/EC/IC50 <= 100 mg/l
- Aquatic toxicity – daphnia: The white spirit component is harmful: 10<LC/EC/IC50 <= 100 mg/l
- Aquatic toxicity – algae: The white spirit component is toxic: 1<LC/EC/IC50 <= 10 mg/l
- Biodegradability: The white spirits component is readily biodegradable. The base polymer is slowly biodegradable.
- Bio-accumulation: White spirits has the potential to bioaccumulate
- Mobility: Floats on water, adsorbs to soil. Partly evaporates from water or soil surfaces.
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13. DISPOSAL CONSIDERATIONS

- Disposal of product and packaging should always comply with local and national regulations.
- Disposal methods: Incineration, if recovery or recycling is not possible.
- Disposal of packaging: Drain and vent in a safe place. Do not puncture, weld or cut unclean drums. Return drums to supplier for reconditioning.



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14. TRANSPORT INFORMATION

UN no.: 1993
ADR/RIF hazard identity no.: 30
IMDG – shipping name: Flammable Liquid N.O.S.
IMDG – class: 3
IMDG – packaging group: III
IMDG – marine pollutant: YES
IATA – shipping name: Flammable Liquid N.O.S.
IATA – class: 3



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15. REGULATORY INFORMATION:

Labelling Information:



Flammable Liquid



Dangerous to the Environment

EEC hazard classification:	XN	OEL 25ppm SUG
Risk phrases:	R10	Flammable
	R65	Harmful – may cause lung damage if swallowed
	R66	Repeated exposure may cause skin dryness or cracking
	R67	Vapours may cause drowsiness and dizziness
	R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Safety phrases:	S23A	Do not breathe fumes, vapour or spray
	S24	Avoid contact with the skin
	S43A	In case of fire, use water fog, foam or powder – DO NOT USE WATER JETS.
	S61	Avoid release into the environment
	S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
National legislation:	In compliance with the Occupational Health and Safety Act 85 of 1993 and satisfying the requirements of Regulation GN1179 being the hazardous Chemicals Substance Regulation.	

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 Coatings CC
26 Bodley Road, Laezonia AH, Pretoria, 0026

Telephone: +27 10 010 7182