

Cosmo- Dec

Ever-Lasting

Coatings cc

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VAT No: 4630232231

Reg No: 1998/022047/23

1. PRODUCT AND COMPANY IDENTIFICATION

(Page 1 may be used as an emergency safety data sheet)

COMPANY DETAILS

Name: Cosmo-Dec **Emergency** telephone no.: 0100107182
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 Product: Acidimite MATERIAL SAFETY DATA SHEET Date printed: 04 February 2019 Page 2 of 8

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

Product:

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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.

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.

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 Product: Dabulamanzi MATERIAL SAFETY DATA SHEET Date printed: 04 February 2019 Page 4 of 8

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

Product:

Dabulamanzi

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

Dabulamanzi

Product:

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

12. ECOLOGICAL INFORMATION

Aquatic toxicity – fish: The white spirit component is harmful: $10 < LC/EC/IC50 \leq 100 \text{ mg/}\ell$

Aquatic toxicity – daphnia: The white spirit component is harmful: $10 < LC/EC/IC50 \leq 100 \text{ mg/}\ell$

Aquatic toxicity – algae The white spirit component is toxic: $1 < LC/EC/IC50 \leq 10 \text{ mg/}\ell$

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.

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. Product: Dabulamanzi MATERIAL SAFETY DATA SHEET Date printed: 04 February 2019

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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

Product:

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15. REGULATORY INFORMATION:

Flammable Liquid

Dangerous to the Environment

Labelling Information:

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:

Multi acidic compound proof clear coating applicable to practically any substrate.

Cosmo-Dec

www.cosmodec.co.za

Tel. 0100107182

	Value	Unit	Method
Total Solids	60.0	%	IMS-TSM-001
Viscosity	6000	cP	Brookfield LVT#3/30@25°C
Specific Gravity (Disp)		0.91	
Specific Gravity (Dry)		1.03	
Solvent		Low Aromatic White Spirits	