

MATERIAL SAFETY DATA SHEET

1. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpECTop CPD Elastomeric Membrane Hardener

Product Use: Coatings

Company: Speciality Engineering Chemicals FZE

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2. Composition / Information on Ingredients

Composition: Aromatic diamine, diluents and inorganic fillers mixture.

Hazardous Ingredient(s)	Symbol	CAS No.	Risk Phrases	%
6-Methyl-2,4-bis (Methylthio) phenylene-1,3-diamine 2-Methyl-4,6-bis (Methylthio) phenylene-1,3-diamine	Xi, N	106264-79-3	R22/43/50/53	30-50

3. Hazards Identification

Harmful if swallowed
May cause sensitization by skin contact
Toxic to aquatic organisms



4. First Aid Measures

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes:	Check for and remove contact lenses if any. Irrigate copious amount of water for several minutes keeping eye lids open. Obtain medical attention if problem persists.
Skin:	Wash thoroughly with soap and water or suitable skin cleanser immediately. Obtain medical attention if problem persists.
Inhalation:	Remove to fresh air. If not breathing or irregular breathing, provide artificial respiration. Seek medical attention if the problem continues.
Ingestion:	Give 500ml water to drink. Induce vomiting.

5. Fire Fighting Measures

Suitable Extinguishing Media: CO₂ / Dry chemical powder. Do not use water jets.

Special Protective Equipment: Self - contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Wear gloves and other suitable protective clothing including eye/face protection.

Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak-up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as hazardous waste.

7. Handling and Storage

Handling:	Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep containers dry, cool and tightly closed.
Decontamination Procedure:	Soak-up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:	None assigned
Engineering Control Measures:	Use with adequate general and local exhaust ventilation
Personal Protective Equipment:	Impervious gloves, safety goggles, plastic apron.

9. Physical and Chemical Properties

State:	Liquid
Colour:	Various
Odour:	Amines
Flash Point (°C):	>120
SG/Bulk Density:	2.18
Solubility:	Insoluble

10. Stability and Reactivity

Stability:	Stable under recommended conditions.
Conditions to avoid:	Not known.
Materials to avoid:	Strong acids, alkalines and oxidising agents

11. Toxicological Information

Acute toxicity: LD50 oral, rat: >1505 mg/kg

This product may be an irritant. May produce inflammatory reactions on inhalation.

12. Ecological Information

When used and disposed as intended, no adverse environmental effects are foreseen. Expected to be not readily bio-degradable. Bio-accumulative potential and ecotoxicity are not determined.

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Do not allow to enter drains or watercourses. Material and container must be disposed as hazardous waste.

14. Transport Information

Proper shipping name: Environmentally hazardous substance, liquid, N.O.S.

UN Number: 3082

IMO Class : 9

IATA/ICAO Class: 9

ADR Class: 9

Subsidiary risk: -

Packing Group: III

Label(s):



Additional Information

ADR-HIN: 90

IMDG-EMS: F-A, S-F

Marine Pollutant: Yes

IMO: T1

15. Regulatory Information

EU Regulations: The product is labeled as follows, in accordance with local regulations.

Hazard Symbol(s): Xi, N

Contains: Aromatic Diamine

Risk Phrases:
R36 - Irritating to eyes
R38 - Irritating to skin
R43 - May cause sensitization by skin contact

Safety Phrases:
S28 - After contact with skin, wash immediately with plenty of water
S39 - Wear eye/face protection
S61 - Avoid release to environment. Refer to special instructions/MSDS

16. Other Information

Issue no.: 1
Issue date: 02-Feb-22
Issued by: SpEC Technical Department

No liability accepted for any injury, loss, damage or cost arising directly or indirectly from the use of any information contained within this MSDS since the customers treatment of the product is necessarily out of our control.

The data given above is based upon current knowledge and experience. This safety sheet is intended to describe our products in terms of their safety requirements. It does not guarantee the properties of the products described.