

MATERIAL SAFETY DATA SHEET

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

Product Name: SpECTite Primer EP121 Hardener

Product Use: Adhesive

Company: Speciality Engineering Chemicals FZE

Address: P. O. Box 61347, Dubai, U.A.E.

Telephone: +971-4-8836662

E-mail: info@spec.ae

Web site: www.spec.ae

2. Composition / Information on Ingredients

Composition: Blend of epoxy hardener and diluents.

Hazardous Ingredient(s)	Symbol	CAS No.	Risk Phrases	%
Diaminodiphenylmethane	T, Xn	101-77-9	R39/R51	40
Benzyl alcohol	Xn	100-51-6	R20/R22	60

3. Hazards Identification

Toxic
Danger of irreversible effects through inhalation



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: Do not induce vomiting. Obtain medical attention and show the container or label.

5. Fire Fighting Measures

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

Special Exposure Hazards: Toxic fumes.

Special Protective Equipment: Self - contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions:	Wear gloves and other suitable protective clothing.
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 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 hazardous 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:	Dark brown
Odour:	Amines
Flash Point (°C):	>150
SG/Bulk Density:	1.10
Solubility:	Insoluble

10. Stability and Reactivity

Stability:	Stable under recommended conditions.
Conditions to avoid:	Not known.
Materials to avoid:	Strong acids, alkalies and oxidising agents.
Hazardous Decomposition products:	Carbon monoxide. Irritant fumes.

11. Toxicological Information

There are no data available on the preparation itself. This has been assessed following the conventional method of the Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

Based on the properties of the constituent(s) and considering toxicological data on similar preparations, this product may be a skin sensitiser and irritant. May produce allergic reactions. May cause damage to eyes.

LD50 oral, rat: 1030mg/kg

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 water courses. Material and container must be disposed as hazardous waste.

14. Transport Information

Proper shipping name: Toxic liquid, organic, N.O.S.

UN Number: 2810

IMO Class : 6.1

IATA/ICAO Class: 6

ADR Class: 6

Subsidiary risk: 1

Packing Group: III

Label(s):



Additional Information

ADR-HIN: 68

IMDG-EMS: F-A, S-A

Marine Pollutant: Yes

IMO: T11

15. Regulatory Information

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

Hazard Symbol(s): T, Marine Pollutant

Contains: Aromatic Polyamines

Risk Phrases: R39 - Danger of very serious irreversible effects
R51 - Toxic to aquatic organisms

Safety Phrases: S45 - Seek medical advice immediately in case of accident and feel unwell
S61 - Avoid release to the environment. Refer to special instructions/MSDS

16. Other Information

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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.