

SAFETY DATA SHEET

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

Product Name: SpECTite RoofFlex Plus

Product Use: Waterproofing

Company: Speciality Engineering Chemicals

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2. Composition / Information on Ingredients

Composition : high polymer waterproof membrane.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Polyurethane	-	-	9009-54-5	-
Plasticizer	-	R51/R53	68611-50-7	8-10
Isocyanate PUD	-	R14/R42/R36/R37/R38	2647-162-5	55-75
Naphta	-	R20/R21	1330-20-7	<1.0
Talc	-	R21/R22/R43	2855-13-2	10

3. Hazards Identification

Non-Flammable.
Harmful by inhalation and in contact with skin.
Irritating to eyes and skin,
May cause sensitization by skin contact.



4. First Aid Measures

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.

Skin: Wash immediately with copious quantities of soap and water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, Dry powder, foam or water fog - do not use water jets.

Special Exposure Hazards: Vapours may ignite.

Special Protective Equipment: Firefighters should wear self-contained breathing apparatus.

6. Accidental Release Measures

After spillage/leakage/gas leaking:

Do not touch spilled material. Stop leak if possible. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers.

7. Handling and Storage

Handling: Avoid skin and eye contact. Avoid heat, sparks and open flame. Provide good ventilation

Storage: Store in cool dry area. Keep in original container and closed tightly.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

Respiratory Protection: In case of insufficient ventilation, wear suitable ORI-NASAL respirator.

Eye Protection: Goggles or face protection.

Hand Protection: Rubber, neoprene or PVC gloves.

Skin Protection: Wear overalls and closed footwear.

9. Physical and Chemical Properties

Appearance: Thixotropic liquid Free flowing

Colour: White /Grey

Odour: Solvent Odor

Relative density: 1.20 @ 20 °C

Boiling Point/Range (°C): Starts from 165-175

Flash Point (closed °C): Not applicable.

Auto Ignition Temperature(°C): 240 - 252

Solubility: Partially soluble.

10. Stability and Reactivity

Thermal Decomposition:

Conditions to avoid: Avoid contact with water. Reacts with acid, alkalines and amines and generates heat.

Materials to avoid: Strong acids, alkalis, amines.

Hazardous decomposition products: Thermal decomposition:-Flammable/irritating gases, vapours, fumes of HC, CO₂, CO and Nitrous gases.

11. Toxicological Information

Health Effects

On eyes: Irritation.

On skin: Irritation. Skin cancer.

By inhalation: Irritating to respiratory system.

12. Ecological Information

Environmental Assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.

Mobility: Rapidly cures on exposure to atmospheric moisture to form an inert solid.

Bioaccumulative Potential: Not determined.

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of through an authorised waste contractor to a licence site.

Disposal of Packaging: According to Local regulations. In compliance with duty of care.

14. Transport Information

Proper shipping name: Paint

UN Number: 1263

IMO Class: 3.3

IATA/ICAO Class: 9

ADR Class: 9

Subsidiary risk: -

Packaging group:

Label:



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):

Contains:

Risk Phrases

R10: Non-Flammable
R20/21: Harmful by inhalation and in contact with skin
R36/38: Irritating to eyes/skin
R43: May cause sensitization by skin contact

Safety Phrases

S-7/8: Keep container tightly closed and dry
S-24/25: Avoid contact with skin and eyes
S-36/37/39: Wear suitable protective clothing and gloves And eyes and face protection.
S-60: This material and its contents must be disposed off as hazardous waste.

EC Directives: Dangerous Substance Directives, 67/548/EEC and adaptations.
Dangerous Preparations Directive, 88/379/EEC.
Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Chemicals (Hazards Information and Packaging) Regs. 1993 (SI 1746)
Control of Substances Hazardous to Health Regs. 1988 (SI 1657).
Health and Safety Work, etc..Act 1974.
Environmental Protection Act 1990.

Codes of Practice: Waste Management. The Duty of Care.

16. Other Information

Issue: 1
Date of issue: 22-Sep-2021
Prepared 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.