

MATERIAL SAFETY DATA SHEET

SPORT-FIX Spray Tack Carpet Adhesive

Issued 10 November 2002
Revision No. 1

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

Supplier: EnviroStik Ltd
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Hixon
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Product Name: Sport-Fix Spray Tack Carpet Adhesive
Use/Description of Product: Adhesive

2) Composition/Information on Ingredients

Ingredient 1: Diphenyl methane - 4,4-di-isocyanate <10%
CAS: 101-68-8
EINECS: 202-966-0
[Xn] R20; [Xi] R36/37/38; [Sens.] R42/43

Ingredient 2: Ethyl Acetate 10-30%
CAS: 141-78-6
EINECS: 205-500-4
[F] R11; [Xi] R36; [Xi] R66; [-] R67

Ingredient 3: Dichloromethane 10-30%
CAS: 75-09-2
EINECS: 200-838-9
[Xn] R40

3) Hazards Identification

Main Hazards: Irritating to eyes. Limited evidence of a carcinogenic effect.
May cause sensitisation by inhalation and skin contact.
Vapours may cause drowsiness and dizziness.

4) First Aid Measures

Symptoms

Skin Contact: There may be irritation and redness at the site of contact.

Eye Contact: There may be irritation and redness.

Ingestion: There may be shortness of breath due to congestion of the lungs.
Nausea and stomach pains may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath.

4) First Aid Measures

Actions

- Skin Contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash the affected area thoroughly with soap and water and rinse thoroughly. Remove from skin with paper or towel. Seek medical help if symptoms persist.
- Eye Contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing. Obtain medical help if there is difficulty breathing. Consult a Doctor if symptoms persist.

5) Fire Fighting Measures

- Extinguishing Media:** Use water spray to cool containers.
- Exposure Hazards:** Toxic. In combustion emits toxic fumes.
- Protection of Fire-Fighters:** Wear self contained breathing apparatus and wear protective clothing to prevent contact with skin and eyes.

6) Accidental Release Measures

- Personal Precautions:** Do not attempt to take action without suitable clothing - see section 8 of MSDS.
- Environmental Precautions:** Do not discharge into drains or rivers.
- Clean up Procedure:** Ensure sufficient ventilation. Absorb into dry earth or sand. If inside, transfer outside of building into suitable container.

7) Handling and Storage

- Handling Requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
- Storage Conditions:** Store in cool, well ventilated area. Keep container tightly closed.

8) Exposure Controls/Personal Protection

- Engineering Measures:** Ensure there is sufficient ventilation of the area.
- Respiratory Protection:** Self contained breathing apparatus must be available in case of emergency. Short term low level exposure, use face mask with AXP3 filter. Long term use positive pressure air fed mask.
- Hand Protection:** Protective gloves.
- Eye Protection:** Safety goggles or safety glasses.
- Skin Protection:** Protective clothing with elasticised cuffs and closed neck. Boots made of PVC. Ensure safety shower is to hand.
- TWA (8hr exposure limit):** 0.02 mg/m³
- STEL (15min exposure limit):** 0.07 mg/m³

9) Physical and Chemical Properties*

State:	Liquid
Colour:	Pale brown
Odour:	Characteristic odour
Oxidising:	Non-oxidising (by EC criteria)
Solubility in Water:	Insoluble
Autoflammability °C:	>500
Relative Density:	1.1

10) Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Hazardous/Decomp. Products:	In combustion emits toxic fumes.

11) Toxicological Information

Effects of Exposure:	Difficulty in breathing. Drowsiness.
Routes of Exposure:	May cause sensitisation by inhalation and skin contact. Danger of serious damage to health by prolonged exposure through inhalation.
Ingredient 2:	Ethyl Acetate ORL RAT LD50 5620 mg/kg.

12) Ecological Information

Mobility:	Insoluble in water.
Persistence and Degradability:	Biodegradable in part only.
Biocummulative Potential:	No data available.

13) Disposal Considerations

Waste Disposal:	Arrange for collection by specialised disposal company.
Disposal of Packaging:	Arrange for collection by specialised disposal company.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14) Transport Information

ADR/RID

Shipping Name: TOXIC LIQUID, Organic, N.O.S.
Un. No.: 2810
ADR Class: 6.1
Hazard ID No.: 60
Labelling: 6.1

IMDG/IMO

UN No.: 2810
Class: 6.1
Packaging Group: III
EmS: 6.1-02
Marine Pollutant: Yes
Labelling: 6.1

IATA/ICAO

Un No.: 2810
Class: 6.1
Packaging Group: III
Packing Instructions: 618
Quantity: 220 L
Labelling: 6.1

15) Regulatory Information

Hazard Symbols: Harmful **X**
Risk Phrases: R36: Irritating to eyes.
R40: Limited evidence of carcinogenic effect.
R42/43: May cause sensitisation by inhalation and skin contact.
R67: Vapours may cause drowsiness or dizziness.

Safety Phrases: S2: Keep out of reach of children.
S23: Do not breathe vapour.
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.
S24/25: Avoid contact with skin and eyes. Contains isocyanates.
See information supplied by the manufacturer.
S60: This material and its container must be disposed of as hazardous waste.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16) Additional Information

Risk Phrases used in s.2.: R40: Limited evidence of a carcinogenic effect.
 R11: Highly flammable.
 R36: Irritating to eyes.
 R66: Repeated exposure may cause skin cracking or dryness.
 R67: Vapours may cause drowsiness or dizziness.
 R20: Harmful by inhalation.
 R36/37/38: Irritating to eyes, respiratory system and skin.
 R42/43: May cause sensitisation by inhalation and skin contact.

This product should be used as directed by EnviroStik Ltd. For further information consult the application data sheet.

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials. This leaflet may contain inappropriate information under particular conditions of use.

*These figures are typical and do not constitute a specification.

Revision No 1 Dated June 2003

Replaces S.D.S. Dated November 2002