

# **MATERIAL SAFETY DATA SHEET**

**SPORT-FIX Quick Tack Carpet Adhesive**

Issued 7th May 2008  
Revision No. 3

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

Supplier: EnviroStik Ltd  
Airfield Industrial Estate  
Hixon  
Stafford  
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U.K.

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Product Name: Sport-Fix Quick Tack Carpet Adhesive  
Use/Description of Product: Liquid. Flammable and harmful. The regulatory information is dependent upon the concentration limit of the specific substance.

## **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%  
CAS: 75-09-2  
EINECS: 200-838-9  
[Xn] R40

## **3) Hazards Identification**

Main Hazards: Highly flammable. Irritating to eyes. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Repeated exposure may cause skin dryness or cracking. 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. Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.  
There may be loss of consciousness. Convulsions may occur.

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

#### 4) First Aid Measures

##### Actions

- Skin Contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye Contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

#### 5) Fire Fighting Measures

- Extinguishing Media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
- Exposure Hazards:** 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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental Precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean up Procedure:** Ensure sufficient ventilation. Absorb into dry earth or sand. Neutralise with water containing 1% wetting agent. 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. Smoking is forbidden.
- Storage Conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.

#### 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.
- Hand Protection:** Avoid skin contact. For repeated exposure use Viton 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/m<sup>3</sup>
- STEL (15min exposure limit):** 0.07 mg/m<sup>3</sup>

#### 9) Physical and Chemical Properties\*

- State:** Liquid paste
- Colour:** Pale brown
- Odour:** Pungent

Solubility in Water:	Reacts with water
Boiling Point/Range °C:	77
Flash Point:	-4
Autoflammability °C:	427
Relative Density:	1.08

### **10) Stability and Reactivity**

Stability:	Stable under normal conditions.
Conditions to Avoid:	Sources of ignition.
Materials to Avoid:	Oxidising agents.
Hazardous/Decomp. Products:	In combustion emits toxic fumes.

### **11) Toxicological Information**

Ingredient 2: Ethyl Acetate  
ORL RAT LD50 5620 mg/kg

### **12) Ecological Information**

Mobility:	Reacts with water to form an insoluble polyurea. Do not discharge in to natural waters without pre-treatment.
Persistence and Degradability:	Biodegradable in part only.

### **13) Disposal Considerations**

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

## 14) Transport Information

### ADR/RID

Shipping Name: Adhesives  
Un. No.: 2810  
ADR Class: 6.1  
Hazard ID No.: 33  
Labelling: 3

### IMDG / IMO

UN No.: 2810  
Class: 6.1  
Packaging Group: II  
EmS: 3-05  
Marine Pollutant: Yes  
Labelling: 3

### IATA/ICAO

Un No.: 2810  
Class: 6.1  
Packaging Group: II  
Packing Instructions: 310  
Quantity: 220 L  
Labelling: 3

## 15) Regulatory Information

Hazard Symbols: Highly flammable **X**  
Harmful

Risk Phrases: R11: Highly flammable.  
R36: Irritating to eyes.  
R40: Limited evidence of carcinogenic effect.  
R42/43: May cause sensitisation by inhalation and skin contact.  
R66: Repeated exposure may cause skin cracking or dryness.  
R67: Vapours may cause drowsiness or dizziness.

Safety Phrases: S23: Do not breathe vapour.  
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

**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.

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<b>Revision No 3</b>	<b>Dated May 2008</b>
<b>Revision No 2</b>	<b>Dated January 2007</b>
<b>Revision No 1</b>	<b>Dated May 2003</b>
<b>Replaces S.D.S.</b>	<b>Dated September 2002</b>