



HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product Name Treadmaster Adhesive No. 15 Part A
Supplier Tiflex Limited
Tiflex House
Liskeard, Cornwall
PL14 4NB.
Telephone +44 (0)1579 320808
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Approx.	Hazard Classification and Risk
Bisphenol-Epichlorhydrin Resin	28064-14-4	1 - 10 %	Xi, R36/38, R43, N, R52/53
Oxirane, Mono[(C12-14Alkyloxy)methyl] Derivatives	68609-97-2	1 - 10 %	Xi R38, R43
Bisphenol A - (Epichlorohydrin) Reaction Product	25068-38-6	10 - 30 %	Xi R36/38, R43, N R52/53

3. HAZARDS IDENTIFICATION

Main Hazards: Irritating to eyes and skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects on the environment.

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. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (Action)

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical advice if symptoms persist.
Eye Contact: Rinse eye immediately with plenty of water, continue to rinse for at least 15 minutes, consult a physician.
Ingestion: Wash mouth out immediately with water. Consult a physician.
Inhalation: Remove casualty to fresh air at once, keep warm and at rest. Consult a physician.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use suitable extinguishing media for the surrounding fire. Use water spray to cool containers.
Exposure Hazards: In combustion emits toxic fumes.
Personal Protection: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. SPILLAGE AND ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of fluid.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spill using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling Precautions:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Storage:	Store in a cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory protection.
Hand protection:	Avoid skin contact. For repeated exposure use Viton or 4H chemical gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

9. PHYSICAL CHARACTERISTICS

Form:	Liquid
Colour:	Buff
Evaporation Rate:	Slow
Oxidising:	Non-oxidising (by EC criteria)
Solubility in Water:	Insoluble
Viscosity:	Viscous
Relative density:	1.63

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. Decomp. Products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:	Oxirane, Mono[(C12-14Alkyloxy)Mehtyl] Derivatives ORL RAT LD50 17100 mg/kg
	Bisphenol A-(Epichlorhydrin) {reaction product} ORL MUS LD50 15600 mg/kg ORL RAT LD50 11400 mg/kg SKN RBT LD50 > 20 ml/kg
	Oxirane, mono[(C12-14Alkyloxy)methyl] Derivatives ORL RAT LD50 17100 mg/kg
Chronic toxicity:	May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil. Non-volatile.

Persistence and degradability: Biodegradable in part only.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Arrange for disposal by a licensed waste disposal company.

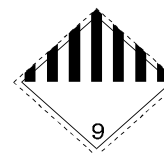
Disposal of packaging: Arrange for disposal by a licensed waste disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORTATION INFORMATION

ADR / RID

UN No:	3082	ADR Class:	9
Packaging group:	III	Classification code:	M6
Shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S		
Labelling:	9	Hazard ID No:	90



IMDG / IMO

UN No:	3082	Class;	9
Packaging group:	III	EmS:	F-A,S-F
Labelling:	9	Marine pollutant:	No

IATA / ICAO

UN No:	3082	Class:	9
Packaging group:	III	Packaging instructions:	914
Labelling:	9		

15. REGULATORY INFORMATION

Hazard Symbols:



Irritant

Risk Phrases:

R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S23	Do not breath vapour.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S24/25	Avoid contact with skin and eyes.
S37/39	Wear suitable gloves and eye / face protection,
S29/35	Do not empty into drains; dispose of this material and it's container in a safe way.

Precautionary phrases: Contains epoxy constituents. See information supplied by the manufacturer.

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. OTHER INFORMATION

Risk phrases used in S.2:	R36/38	Irritating to eyes and skin.
	R43	May cause sensitisation by skin contact.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R 38	Irritating to skin.

Information on this Health and Safety Data Sheet is drawn from a variety of sources, including raw material suppliers data, and other published sources.

This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy his/herself as to the suitability of such information for his/her own particular use. This product falls within the scope of the Control of Substances Hazardous to Health (COSHH) Regulations. Users are reminded that this document does not in itself constitute an assessment of workplace risk as required by those regulations.