

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product name: **Treadmaster No. 7 Adhesive Part A**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Two Part Adhesive component.

1.3. Details of the supplier of the Safety Data Sheet

Company name: Tiflex Limited
Tiflex House
Liskeard, Cornwall
PL14 4NB.
Telephone: +44 (0)1579 320808
Fax: +44 (0)1579 320802
E-mail: sward@tiflex.co.uk Steve Ward - Technical Manager

1.4. Emergency telephone number

Emergency tel: +44 (0)1579 320808 Office hours Mon-Thurs 9am - 5 pm, Fri 9am - 2pm

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1 Classification according to CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; -: EUH205.

2.1.2 Classification according to CHIP: Xi: R36/38; Sens.: R43; R52/53

2.1.3 Additional information: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Contains epoxy constituents. May produce an allergic reaction.

2.2 Label elements

Labelling according to CLP:

Signal words:

Hazard pictograms:

Warning



GHS 07

GHS 09

Hazard Statements:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
EUH205 Contains epoxy constituents. May produce an allergic reaction.

Precautionary Statements:

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+ 351+ 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P260 Do not breathe vapours.
P281 Use personal protective equipment as required.
P285 In case of inadequate ventilation wear respiratory protection.
P313 Get medical advice / attention.
P501 Dispose of contents / container to national regulations.

2.3 Other hazards

PBT/vPvB: This material is not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous Ingredients

CAS No.	EINECS No.	REACH registered no.	Identification name	% Weight	Classification according to Regulation (EC) No 1278/2008 (CLP)
25068-38-6	500-033-5	01-2119456619-26-XXXX	Bisphenol A-(Epichlorohydrin) {Reaction Product}	10-30%	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411
28064-14-4			Bisphenol F-Epichlorohydrin Resin, M.W. =<700	1-10%	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411
68609-97-2	271-846-8	01-2119485289-22-XXXX	Oxirane, Mono[(C12-14 Alkyloxy)Methyl] Derivatives	1-10%	Skin Irrit. - H315 Skin Sens. 1 - H317

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Following skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to the skin. Wash immediately with plenty of soap and water.
Following eye contact:	Bathe the eye with running water for at least 15 minutes. Consult a doctor.
Following ingestion:	Wash out mouth with water. Consult a doctor.
Following inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

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.

4.3. Indication of immediate medical attention and special treatment needed

Immediate/special treatment:	Eye bathing equipment should be available on the premises.
-------------------------------------	--

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
--------------------------------------	---

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:	In combustion emits toxic fumes.
---------------------------------------	----------------------------------

5.3. Advice for Fire-fighters

Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
----------------------------------	--

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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 unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
------------------------------	--

6.2. Environmental precautions

Environmental precautions:	Do not discharge into drains or rivers. Contain spill using bunding.
-----------------------------------	--

6.3. Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for more detailed information on health effects and symptoms. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Packaging materials: Must only be kept in original packaging.

Requirements for storage rooms: The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use (s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters

Workplace exposure limits: No data available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

8.2.2. Personal protection equipment:

8.2.2.1. Eye protection: Safety glasses. Ensure eye bath is to hand

8.2.2.2. Skin protection: Hand protection: Protective gloves. Avoid skin contact. For repeated exposure use Viton or 4H chemical gloves, for low exposure use nitrile gloves. The user has a legal duty to carry out a COSHH risk assessment to determine the correct glove.

Other skin protection: Protective clothing.

8.2.2.3. Respiratory protection: If exposure levels are likely to be exceeded, use full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

8.2.3. Environmental exposure controls: Prevent from entering into public sewers or the immediate environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Buff Liquid

Initial boiling point and boiling range: >35°C

Flash point: >93°C

Evaporation rate: Slow

Solubility: Insoluble

Viscosity: Viscous

Oxidising properties: Non-oxidising (by EC Criteria)

Relative density: 1.63

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
 Decomposition may occur on exposure to conditions or material listed below.
 Exothermic
 Heat build up is likely if not coated out as required.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. Decomp. Products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

ORL	MUS	LD 50	15600	mg/kg
ORL	RAT	LD 50	11400	mg/kg
SKN	RBT	LD 50	>20	ml/kg

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

ORL	RAT	LD 50	17100	mg/kg
-----	-----	-------	-------	-------

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure:

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.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT/vPvB identification: This substance is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Disposal of packaging: Arrange for disposal by a licenced waste disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding

disposal.

SECTION 14: TRANSPORTATION INFORMATION

14.1. UN Number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Other Information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Classification according to Regulation (EC) No. 1272/2008:

Phrases used in s. 2 and 3:	EUH205	Contains epoxy constituents. May produce an allergic reaction.
	H315	Causes skin irritation.
	H317	May cause allergic reaction.
	H319	Causes serious eye irritation.
	H411	Toxic to aquatic life with long lasting effects.
	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.

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.