

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 B

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:** Acute Tox. 4: H302; Acute Tox. 4 - H332; Aquatic Chronic 2: H411; Skin Corr. 1 B: H314; Skin Sens. 1: H317; STOT SE 3: H335; Repr. 2 - H361f.
- 2.1.2 Classification according to CHIP:** Xn: R20/22; C: R35; Xi: R37; Sens.: R43; N: R51/53
- 2.1.3 Additional information:** Harmful by inhalation and if swallowed. Causes severe burns. Irritating to respiratory system. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling according to CLP:
Hazard Pictograms



Signal word: DANGER

Hazard statements:

| | |
|-------|--|
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H302 | Harmful if swallowed. |
| H332 | Harmful if inhaled. |
| H361f | Suspected of damaging fertility. |

Precautionary statements:

| | |
|-----------------|--|
| P260 | Do not breathe dust / fumes / gas / mist / vapours / spray. |
| 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. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P273 | Avoid release to the environment. |
| P281 | Use personal protective equipment as required. |
| P501 | Dispose of contents / container to national regulations. |

2.3 Other hazards

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous Ingredients

| CAS No. | EINECS No. | REACH Registration No. | Identification name | % Weight | Classification according to Regulation (EC) No 1278/2008 (CLP) |
|------------|------------|------------------------|------------------------------------|----------|---|
| 1477-55-0 | 216-032-5 | 01-2119480150-50-XXXX | M-Phenylenebis (methylamine) | 10-30% | Acute Tox. 4 - H302 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412 |
| 98-54-4 | | 01-2119489419-21-XXXX | Butylphenol (Para-tert) | 10-30% | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Chronic 2 - H411 |
| 25620-58-0 | | | Trimethylhexamethylen Diamine | 1-10% | Acute Tox. 4 - H302 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412 |
| 112-57-2 | 203-986-2 | | 3,6,9-Triazaundecamethylenediamine | 1-10% | Acute Tox. 4 - H312 Acute Tox. 4 - H303 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 |
| 10124-37-5 | 233-332-1 | 01-2119495093-35-XXXX | Calcium Nitrate | 1-10% | |

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Following skin contact: Remove from skin with paper or towel. Wash the affected area thoroughly with plenty of soap and water. Seek medical advice if symptoms persist.

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. Consult a doctor if symptoms persist.

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.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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.

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.

7.3. Specific end use (s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters

Workplace exposure limits:

| State | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|----------------------|
| UK | 0.5 mg/m ³ | 39 mg/m ³ |

Hazardous ingredients:

BUTYLPHENOL (PARA-TERT)

| State | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|--------------|
| UK | 0.5 mg/m ³ | |

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Ensure there is sufficient ventilation of the area.

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: 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 a 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | | | |
|-------------------|--------------------------------|----------------------|-----------|
| State: | Liquid | Solubility in water: | Insoluble |
| Colour | Brown | Viscosity: | Viscous |
| Evaporation rate: | Slow | Relative density: | 1.09 |
| Oxidising: | Non-oxidising (by EC Criteria) | | |

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 materials listed below.

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:

3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE

| | | | | |
|-----|-----|-------|------|-------|
| IPR | RAT | LD 50 | 205 | mg/kg |
| IVN | MUS | LD 50 | 320 | mg/kg |
| ORL | RAT | LD 50 | 3990 | mg/kg |

Relevant effects for mixture:

| Effect | Route | Basis |
|--------------------------|-------------|-----------------------|
| Acute toxicity (harmful) | INH ING | Hazardous: calculated |
| Irritation | INH | Hazardous: calculated |
| Corrosivity | OPT INH 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.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

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 product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

