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SAFETY DATA SHEET

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

1.1. Product Identifier

Product name: Treadmaster Joint Sealer

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

Identified uses: High quality sealant adhesive based MS Polymer for industrial applications.

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: This product is not classified according to the CLP regulation.

Classification (EC 1272/2008)

2.1.2 Classification according to CHIP: Not applicable.

Classification (1999/45/EEC)

2.2 Label elements

Labelling according to CLP: Not applicable.

(EC) No. 1272/2008

Labelling according to CHIP: Not applicable.

Classification (1999/45/EEC)

Additional information: EUH208 Contains N-(3-(trimethoxysilyl)propyl)thelenediamine. May produce allergic reaction.
EUH210 Safety data sheet on request.

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.	Index No.	Identification name	% Weight	Classification according to Regulation (EC) No 1278/2008 (CLP)
-	907-495-0		Amide wax rheology modifier	2.5 - 10	Acute Tox. 3 - H412

Additional Information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General notes:	In all cases of doubt, or when symptoms persist, seek medical attention.
Following Skin contact:	Remove any contaminated clothing and laundry before re-use. Wash off skin immediately with plenty of soap and water. If any irritation develops or persists after washing seek medical attention.
Following Eye contact:	Rinse eye with plenty of water, check for and remove any contact lenses if present and easy to do so, continue to rinse for at least 15 minutes. If irritation or discomfort persists after rinsing seek medical attention.
Following Ingestion:	If symptoms or discomfort persists seek medical attention.
Following Inhalation:	Remove to fresh air at once, ensuring one's own safety first. Keep warm, at rest and in a position comfortable for breathing. If recovery is not rapid, complete or if any discomfort or symptoms persist seek medical attention.

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

Skin contact:	Generally the product does not irritate the skin.
Eye contact:	No harmful or irritating effects known.
Ingestion:	No harmful or irritating effects known.
Inhalation:	No harmful or irritating effects known.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	CO2. Powder or Water spray. Fight larger fires with water spray or alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

5.3. Advice for Fire-fighters

Advice for fire-fighters:	No special measures required.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:	No special measures required.
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6.2. Environmental precautions

Environmental precautions:	Do not allow to enter sewers / surface or ground water.
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6.3. Methods and materials for containment and cleaning up

6.3.1. Containment procedures:	Bund spillage to prevent spread.
6.3.2. Clean up procedures:	Absorb spillage with liquid-binding material. Sand, diatomite, acid binders, universal binders, sawdust.
6.3.3. Other information:	No dangerous substances are released.

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

Protective measures:	No special measures required.
Measures to prevent fire:	No special measures required.
Measures to protect the environment:	No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	No special requirements.
Packaging materials:	Must be kept in original packaging.
Requirements for storage rooms and vessels:	No special requirements.

7.3. Specific end use (s)

Recommendations: No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters

Workplace exposure limits: This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Exposure controls

8.2.1. Appropriate engineering controls:

8.2.2. Personal protection equipment:

8.2.2.1. Eye protection: Goggles recommended during refilling.

8.2.2.2. Skin protection: Gloves. Glove material has to be impermeable and resistant to the product / the substance / the preparation.

8.2.2.3. Respiratory protection: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Pasty
Odour:	Odourless.
pH:	Not determined.
Melting/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid/gas):	Not applicable.
Ignition temperature:	305°C
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	Lower: Not determined. Upper: Not determined.
Vapour pressure:	Not determined.
Density @ 20°C:	1.5 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Segregation coefficient: n-octanol/water:	Not determined.
Viscosity:	Dynamic: Not determined. Kinetic: Not determined.
Solvent content:	Organic: 0.00% VOC (EC): 0.01%
Solids content:	100.00%

9.2. Other Information

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known.

10.4. Conditions to avoid

Conditions to avoid: No further relevant information available.

10.5. Incompatible materials

Materials to avoid: No further relevant information available.

10.6. Hazardous decomposition products

Haz. Decomp. Products: No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: Based on the available data, the classification criteria are not met.

CAS: 148-79-8. Thiabenzol (ISO)

Route	Species	Test	Value	Units
ORAL	RAT	LD50	4378	mg/kg
DERMAL	RAT	LD50	> 5000	mg/kg

Primary irritant effect:

Skin corrosion / irritation: Based on available data, the classification criteria are not met.

Serious eye damage / irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity. Based on available data, the classification criteria are not met.

Carcinogenicity. Based on available data, the classification criteria are not met.

Reproductive toxicity. Based on available data, the classification criteria are not met.

STOT-single exposure. Based on available data, the classification criteria are not met.

STOT-repeated exposure. Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms / routes of exposure:

Skin contact: No irritant effect.

Eye contact: No irritant effect.

Sensitisation: No sensitizing effects known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

CAS: 148-79-8. Thiabenzol (ISO)

Acute toxicity - fish: LC₅₀ 96 hours 0.55 mg/l

Acute toxicity - aquatic invertebrates: EC₅₀ 48 hours 0.81 mg/l Daphnia magna

12.2. Persistence and degradability

Persistence and degradability: No further relevant information available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No further relevant information available.

12.4. Mobility in soil

Mobility: No further relevant information available.

Additional ecological information: General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment

PBT/vPvB identification: Not applicable.

12.6. Other adverse effects

Other adverse effects: No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packaging: Disposal must be made according to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1. UN Number

UN number: -

14.2. UN proper shipping name

Shipping name: -

14.3. Transport hazard class(es)

Transport class: -

14.4. Packing group

Packing group: -

14.5. Environmental hazards

Environmentally hazardous: Not applicable.

14.6. Special precautions for user

Special precautions: Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Directive 2012/18/EU

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

Relevant phrases:

H412 Harmful to aquatic life with long lasting effects.

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.