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SAFETY DATA SHEET

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

1.1. Product Identifier

Product / Substance name: **Treadcote**

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

Identified uses: Water based paint.

1.3. Details of the supplier of the Safety Data Sheet

Company name: Tiflex Limited
Address: Tiflex House
Liskeard, Cornwall
PL14 4NB.
UNITED KINGDOM
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 Only available during 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 Regulation (EC) No. 1272/2008 (CLP): No significant hazard.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP): No significant hazard.

Precautionary statements: EUH210 Safety data sheet on request.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

The product does not contain any substances presenting a health hazard according to Classification (1272/2008)

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information: Remove affected person from source of contamination. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in the recovery position and seek medical advice.

Following inhalation: Remove to fresh air, ensuring one's own safety first. Keep warm, at rest and in a position comfortable for breathing. If recovery is not rapid or complete seek medical attention. If breathing is irregular or has stopped, administer artificial respiration.

Following skin contact: Remove all contaminated clothing and launder before reuse. Wash skin thoroughly with plenty of water and soap. DO NOT use solvents or thinners. If any irritation develops or persists 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. Continue to rinse for at least 15 minutes whilst holding the eyelids apart and seek medical advice immediately.

Following ingestion:	If accidentally swallowed rinse the mouth with plenty of water (ONLY if affected person is FULLY conscious) send obtain immediate medical attention. Keep affected person warm, at rest and in a position comfortable for breathing. DO NOT induce vomiting.
Self protection for first aider:	Keep yourself protected, assess your surroundings, be cautious of any fumes or vapours. On approach always put on your gloves.

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

Inhalation:	No harmful effects known.
Skin contact:	No harmful effects known.
Eye contact:	No harmful effects known, although any foreign object in the eye can cause irritation and smarting.
Ingestion:	No harmful effects known.

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

Inhalation:	If you feel unwell, seek medical advice (show the label where possible).
Skin contact:	Seek medical attention if irritation or symptoms persist.
Eye contact:	Seek medical attention.
Ingestion:	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	Alcohol resistant foam. CO2. Powders. Water spray / mist.
Unsuitable extinguishing media:	Water jet.

5.2. Special hazards arising from the substance or mixture

Specific Hazards:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
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5.3. Advice for Fire-fighters

Protective actions during fire-fighting:	Cool closed containers exposed to fire with water.
Advice for fire-fighters:	Do not allow run-off from fire-fighting to enter drains or water courses. Fire-fighters should wear self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Protective equipment:	Ensure full PPE is worn (see section 8 of this data sheet for details).
Emergency procedures:	Exclude all non-essential personnel. Exclude all sources of ignition and ventilate the area. Avoid breathing vapours.

6.1.2. For emergency responders:

6.2. Environmental precautions

Environmental precautions:	DO NOT allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
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6.3. Methods and materials for containment and cleaning up

6.3.1. For containment :	Contain spillage using bunding.
6.3.2. For cleaning up:	Absorb spill with non-combustible absorbent materials, such as sand, earth, vermiculate, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). DO NOT allow to enter drains or water courses. Clean preferably with detergent; avoid the use of solvents. If the product enters drains or sewers, immediately contact the local water company. In the case of contamination of streams, rivers or lakes the relevant environmental agency.

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:	Avoid skin and eye contact. Avoid inhalation of dust, particles and spray mist arising from the application of this mixture. Smoking, eating and drinking should be prohibited in the application area.
Measures to prevent fire:	Due to the organic solvents' content of the mixture: Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Isolate from sources of heat, sparks and open flame. Non-sparking tools should be used. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	Do not allow to enter drains or water courses. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Advice on general occupational hygiene:	Observe best practice when handling, wash thoroughly after use. Strictly no eating or drinking when handling this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	Store in a cool, dry and well-ventilated area. Store between 5°C and 30°C. Keep away from sources of heat and out of direct sunlight.
Packaging materials:	Store in correctly labelled, original and tightly sealed packaging.
Requirements for storage rooms and vessels:	All chemical preparations / mixtures should be stored securely where they cannot be interfered with or used by unauthorised persons.
Further information on storage conditions:	Containers which have been opened must be carefully resealed and kept in an upright position to prevent leakage. Keep away from incompatible materials: oxidising agents, strong alkaline agents and strong acids materials.

7.3. Specific end use (s)

Recommendations:	The identified uses for this product are detailed in Section 1.2.
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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.
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8.2. Exposure controls



8.2.1. Appropriate engineering controls:	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below WEL, suitable respiratory protection must be worn.
8.2.2. Personal protection equipment:	
8.2.2.1. Eye protection:	Use safety eyewear designed to protect against liquid splashes.
8.2.2.2. Skin protection:	Hand protection: Wear suitable gloves made from nitrile rubber to protect against chemicals. A full COSHH risk assessment to determine glove type must be carried out prior to use by the user. Other skin protection: Personnel should wear anti-static clothing made from natural fibre or of high temperature resistant synthetic fibre.
8.2.2.3. Respiratory protection:	If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.
8.2.2.4. Thermal hazards:	None known.
8.2.3. Environmental exposure controls:	DO NOT allow to enter drains or water courses. Keep container tightly sealed and in an upright position when not in use. Adopt best Manual Handling considerations when handling, carrying and dispensing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Liquid various colours
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Odour:	Slight
Odour threshold:	No data available
pH:	No data available
Melting/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	999°C
Evaporation rate:	No data available
Flammability (solid/gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	1,192
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2. Other Information

Active VOC: 66

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable under normal conditions.

10.2. Chemical stability

Chemical stability: Stable under the recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Keep away from oxidising agents, strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.4. Conditions to avoid

Conditions to avoid: When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

Materials to avoid: Oxidising agents, strong alkalines and strong acids.

10.6. Hazardous decomposition products

Haz. Decomp. Products: Carbon monoxide and dioxide, smoke and oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

There is no data available on the mixture itself.
The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.
See Sections 2 and 3 for details.

SECTION 12: ECOLOGICAL INFORMATION

There is no data available on the mixture itself.
Do not allow to enter drains or water courses.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- 13.1. Waste treatment methods:** DO NOT allow to enter drains or water courses.
N.B. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
Waste codes are application specific not product specific. Waste codes should be assigned based upon the application for which the product is used.
Using information provided in this safety data sheet, advice should be obtained from local waste authority on the classification of empty container.
Empty containers must be scrapped or reconditioned.
Dispose of containers contaminated by product in accordance with local or national legal provisions.

SECTION 14: TRANSPORTATION INFORMATION

14.1. UN Number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

- Transport within the users premises:** Always transport in closed containers that are upright and secure.
Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

The product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION

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

Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

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

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.

