

MATERIAL SAFETY DATA SHEET

TEFCOTE FIBRE ARMOUR



tefcote
SURFACE SYSTEMS

According to EC-Regulation 2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name:

- Tefcote Fibre Armour

Product no.:

- -

REACH registration number:

- Not applicable

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

Relevant identified uses of the substance or mixture:

- Reinforcement adhesive

Uses advised against:

- -

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

- Tefcote Surface Systems
10 Broadhurst Avenue
Bournemouth
BH10 6JW
UK

Contact person:

- Product safety
E-mail: Office@tefcote.co.uk

SDS date: 2017-11-14

SDS Version: 1.0

1.4. Emergency telephone number

- Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

- Not classified according to Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

Hazard pictogram(s):

- Not applicable.

Signal word:

- -

Hazard statement(s):

- Not applicable.

Safety statement(s):

- General -
- Prevention -
- Response -
- Storage -
- Disposal -

Identity of the substances primarily responsible for the major health hazards:

- Active substance: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 14,1496 ppm.

2.3. Other hazards

- Not applicable.

Additional labelling:

- Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1).
- May produce an allergic reaction. (EUH208).
- Safety data sheet available on request. (EUH210).

Additional warnings:

- Not applicable.

VOC:

- Not applicable.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
IDENTIFICATION NOS.:	CAS-no: 55965-84-9 Index-no: 613-167-00-5
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Eye Dam. 1, Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 1 H301, H311, H314, H317, H318, H331, H400, H410 (M-acute = 10) (M-chronic = 1)

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information:

- ATEmix(inhale, vapour) > 20
- ATEmix(inhale, dust/mist) > 5
- ATEmix(dermal) > 2000
- ATEmix(oral) > 2000
- N acute (CAT 1) Sum = $\sum(C_i/M(\text{acute})_i * 25) = 0,0080465088 - 0,0120697632$

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

- In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

- Bring the person into fresh air and stay with him/her.

Skin contact:

- Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact:

- Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least

15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion:

- Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns:

- Not applicable.

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

- This product contains substances that may trigger an allergic reaction to predisposed persons.

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

- Nothing special.

Information to medics

- Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

- Nothing special.

5.3. Advice for firefighters

- Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure, contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- No specific requirements.

6.2. Environmental precautions

- No specific requirements.

6.3. Methods and material for containment and cleaning up

- Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

- See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- See section on 'Exposure controls/personal protection' for information on personal protection. (Section 8)

7.2. Conditions for safe storage, including any incompatibilities

- Always store in containers of the same material as the original container.

Storage temperature:

- Frost free.

7.3. Specific end use(s)

- This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL:

- No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

DNEL / PNEC:

- No data available.

8.2. Exposure controls

- Control is unnecessary if the product is used as intended.

General recommendations:

- Smoking, eating and drinking are not allowed in the work premises.

Exposure scenarios:

- In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits:

- Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

- Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures:

- In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure:

- No specific requirements.

Individual protection measures, such as personal protective equipment:

- No specific requirements.

Generally:

- Use only CE marked protective equipment.

Respiratory Equipment:

- No specific requirements.

Skin protection:

- No specific requirements.

Hand protection:

- No specific requirements.

Eye protection:

- No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|-------------------------|---------------------|
| • Form | Paste. |
| • Colour | White. |
| • Odour | No data available. |
| • Odour threshold (ppm) | No data available. |
| • pH | No data available. |
| • Viscosity (40°C) | 55.000-60.000 mPa*s |

- Density (g/cm³) No data available.

Phase changes:

- Melting point (°C) No data available.
- Boiling point (°C) No data available.
- Vapour pressure No data available.
- Decomposition temperature (°C) No data available.
- Evaporation rate (n-butylacetate = 100) No data available.

Data on fire and explosion hazards:

- Flash point (°C) No data available.
- Ignition (°C) No data available.
- Auto flammability (°C) No data available.
- Explosion limits (% v/v) No data available.
- Explosive properties No data available.

Solubility:

- Solubility in water Soluble.
- n-octanol/water coefficient No data available.

9.2. Other information

- Solubility in fat (g/L) No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

- No data available.

10.2. Chemical stability

- The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

- Nothing special.

10.4. Conditions to avoid

- Nothing special.

10.5. Incompatible materials

- Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

- The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

- No data available.

Skin corrosion/irritation:

- No data available.

Serious eye damage/irritation:

- No data available.

Respiratory or skin sensitisation:

- No data available. Data on substance: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
- Test: OECD Guideline 406
- Organism: Guinea pig
- Result: Sensitising. This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity:

- No data available.

Carcinogenicity:

- No data available.

Reproductive toxicity:

- No data available.

STOT-single exposure:

- No data available.

STOT-repeated exposure:

- No data available.

Aspiration hazard:

- No data available.

Long term effects:

- Nothing special.

SECTION 12: Ecological information

12.1. Toxicity

- Substance: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
- Species: Algae
- Test: EC50
- Duration: 72 h
- Result: 0,027 mg/l

12.2. Persistence and degradability

Substance:	Biodegradability:	Test:	Result:
Reaction mass of: 5-chloro-2-m...	Yes	Closed Bottle Test	>60%

12.3. Bioaccumulative potential

Substance:	Potential bioaccumulation:	LogPow:	BCF:
Reaction mass of: 5-chloro-2-m...	No	No data available	3,6

12.4. Mobility in soil

- No data available.

12.5. Results of PBT and vPvB assessment

- This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

- This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.
- This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product is not covered by regulations on dangerous waste.

Waste:

- EWC code 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Specific labelling:

- -

Contaminated packing:

- No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

- Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID:

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- Notes -
- Tunnel restriction code -

IMDG:

- UN-no. -
- Proper Shipping Name -
- Class -
- PG* -
- EmS -
- MP** -
- Hazardous constituent -

IATA/ICAO:

- UN-no. -
- Proper Shipping Name -
- Class -
- PG* -

14.5. Environmental hazards

- -

14.6. Special precautions for user

- -

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

- No data available

(*) Packing group, (**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application:

- -

Demands for specific education:

- -

Additional information:

- Not applicable
- Authorization number:

Seveso

- Seveso III Part 2: Methanol

Sources

- According to EC-Regulation 2015/830 Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
EC regulation 1907/2006 (REACH). The Control of Major Accident Hazards (COMAH) Regulations 2015.

15.2. Chemical safety assessment

- No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

- H301 - Toxic if swallowed.
- H311 - Toxic in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H331 - Toxic if inhaled.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

- -

Additional label elements

- Not applicable

Other

- It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
- The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
- A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

- Robert Pedersen
Date of last essential change (First cipher in SDS version) -
Date of last minor change (Last cipher in SDS version) -