

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

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

· 1.1 Product identifier

· Trade name: TREMCO SF520

· MSDS code: W-T-SF520

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

No further relevant information available.

· Application of the substance / the mixture Adhesives

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Tremco CPG UK Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
Tel: +44 (0) 1942251400, Fax: +44 (0) 1942251410
msds@cpg-europe.com

· Further information obtainable from:

Tremco CPG UK Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
T: +44 (0) 1942251400, F: +44 (0) 1942251410
www.cpg-europe.com, info.uk@cpg-europe.com

· 1.4 Emergency telephone number:

During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

· Supplemental information:

EUH208 Contains trimethoxyvinylsilane. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

· Information concerning particular hazards for human and environment:

Fillers are encapsulated and not expected to be released from the product under normal conditions of use.

There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

(Contd. on page 2)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 1)

· **vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Description:** Mixture of substances listed below with non-hazardous additions.· **Dangerous components:**

| | | |
|--------------------------------|---|---------|
| CAS: 28553-12-0 | 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl | 10-<20% |
| EINECS: 249-079-5 | esters, C9-rich (DINP; di-"isononyl" phthalate) | |
| Reg.nr.: 01-2119430798-28-xxxx | substance with a Community workplace exposure limit | |

· **SVHC -**· **Additional information:**

For the wording of the listed hazard phrases refer to section 16.

While curing the following substances are formed and released by a reaction with atmospheric humidity:

Methanol (CAS 67-56-1)

Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

SECTION 4: First aid measures· **4.1 Description of first aid measures**· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· **Information for doctor:** No further relevant information available.· **4.2 Most important symptoms and effects, both acute and delayed**

Prolonged skin contact may cause redness and irritation.

Sensitising effect by skin contact is possible by prolonged exposure.

· **Hazards** No further relevant information available.· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

Water spray

Water haze

(Contd. on page 3)

GB

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

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Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 2)

- Fire-extinguishing powder
- **5.2 Special hazards arising from the substance or mixture**
 Formation of toxic gases is possible during heating or in case of fire.
 methanol
 Carbon dioxide (CO₂)
 Carbon monoxide (CO)
 Nitrogen oxides (NO_x)
 - **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 Ensure adequate ventilation.
 Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose of contaminated material as waste according to Section 13.
- **6.4 Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
 Ensure good ventilation/exhaustion at the workplace.
 Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:** The product is not flammable.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed receptacles.
 Storage temperature: +5°C to +25°C
- **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 3)

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

CAS: 28553-12-0 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (DINP; di-"isononyl" phthalate)

| | |
|-----|--------------------------------------|
| WEL | Long-term value: 5 mg/m ³ |
|-----|--------------------------------------|

· Additional Occupational Exposure Limit Values for possible hazards during processing:

While curing the following substances are formed and released by a reaction with atmospheric humidity:
 Methanol (CAS 67-56-1)

Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.

CAS: 67-56-1 methanol

| | |
|-----|---|
| WEL | Short-term value: 333 mg/m ³ , 250 ppm |
| | Long-term value: 266 mg/m ³ , 200 ppm |
| | Sk |

· Additional information:

The lists valid during the making were used as basis.
 HSE EH40/2005 Workplace Exposure Limits (as amended)

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· Respiratory protection:

Not necessary if room is well-ventilated.

Ensure good ventilation/exhaustion at the workplace.

Use suitable respiratory protective device in case of insufficient ventilation.

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 5)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 4)

- **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Recommendation:

For the mixture of chemicals mentioned below the penetration time has to be at least 30 minutes (Permeation according to EN 16523-1:2015: Level 2).

- **Eye protection:** Safety glasses

- **Body protection:**



Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

| | |
|---------|----------------|
| Form: | Pasty |
| Colour: | Light brown |
| Odour: | Characteristic |

- **pH-value:**

| | |
|--|---------------|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Undetermined. |

- **Flash point:** >200 °C

- **Explosive properties:** Product does not present an explosion hazard.

- **Density at 20 °C:** 1.6 g/cm³

- **Solubility in / Miscibility with water:** Immiscible / difficult to mix.

- **Solvent content:**

| | |
|----------|--------------------------|
| VOC (EC) | 0 g/l GEV-EMICODE EC1 |
|----------|--------------------------|

- **9.2 Other information** No further relevant information available.

GB

(Contd. on page 6)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 5)

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Water / moisture.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Methanol
Carbon monoxide and carbon dioxide
Nitrogen oxides

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes mild skin irritation.
- **Serious eye damage/irritation** Slight irritation possible.
- **Respiratory or skin sensitisation** Sensitising effect by skin contact is possible by prolonged exposure.
- **Additional toxicological information:**
Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.
There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

(Contd. on page 7)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 6)

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Disposal must be made according to official regulations.

- **European waste catalogue**

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

- **Uncleaned packaging:**
- **Recommendation:**
Packagings that may not be cleansed are to be disposed of in the same manner as the product.
Non contaminated packagings may be recycled.

SECTION 14: Transport information

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
"EU-CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1)
"EU-REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments)
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020.

(Contd. on page 8)

Safety data sheet

acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2021

Version number 6

Revision: 07.12.2021

Trade name: TREMCO SF520

(Contd. of page 7)

HSE EH40/2005 Workplace Exposure Limits (as amended)

Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)

"GB-CLP" The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

"UK-REACH" The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

- **National regulations:**
- **Other regulations, limitations and prohibitive regulations** No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:**
Prepared and verified in accordance with "REACH" Regulation (EC) No 1907/2006, Annex II, Part A, 0.2.3.
- **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
- *** Data compared to the previous version altered.**