

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

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

· 1.1 Product identifier

· Trade name: **TREMCO SF105**

· MSDS code: W-T-SF105

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

Restricted to professional users.

· 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

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

· 2.2 Label elements

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

The product is classified and labelled according to the GB CLP regulation.

· Hazard pictograms



GHS07

· Signal word Warning

· Contains:

Rosin

CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1)

(Contd. on page 2)

GB

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 1)

- **Hazard statements**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

- **Precautionary statements**

P280 Wear protective gloves / protective clothing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

- **Supplemental information:** Restricted to professional users.

- **Regulation (EC) No 528/2012 on biocidal products** Contains a biocidal product: C(M)IT/MIT (3:1)

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **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: 8050-09-7 EINECS: 232-475-7 Reg.nr.: 01-2119480418-32-xxxx	Rosin Skin Sens. 1, H317	10-<20%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-xxxx	toluene Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	1-<5%
CAS: 55965-84-9 Reg.nr.: 01-2120764691-48-xxxx	CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 1, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10); Skin Sens. 1A, H317 Specific concentration limits: Skin Corr. 1B; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1; H317: C ≥ 0.0015 % Skin Sens. 1A; H317: 0.0015 % ≤ C < 0.0015 %	<0.01%

- **SVHC -**

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

(Contd. on page 3)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 2)

Regulation (EU) No 528/2012 Biocidal Products Regulation

CAS: 55965-84-9 | CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1)

PT6

SECTION 4: First aid measures**4.1 Description of first aid measures**

- **General information:** Take affected persons out of danger area and lay down.
- **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.
Seek immediate medical advice.
- **Information for doctor:** No further relevant information available.
- **4.2 Most important symptoms and effects, both acute and delayed**
Allergic reactions
Irritating to eyes and skin.
- **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.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **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**
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).
- **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.

GB

(Contd. on page 4)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 3)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** 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:**
 Protect from frost.
 Storage temperature: +5°C to +25°C
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection· **8.1 Control parameters**· **Ingredients with limit values that require monitoring at the workplace:****CAS: 8050-09-7 Rosin**

WEL	Short-term value: 0.15 mg/m ³ Long-term value: 0.05 mg/m ³ Sen
-----	--

CAS: 108-88-3 toluene

WEL	Short-term value: 384 mg/m ³ , 100 ppm Long-term value: 191 mg/m ³ , 50 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**· **Individual protection measures, such as personal protective equipment**· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.
 Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A

Use only in well-ventilated areas.

Take note of emission threshold.

Use suitable respiratory protective device in case of insufficient ventilation.

(Contd. on page 5)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 4)

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

- **Hand protection**



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

- **Material of gloves**

Rubber gloves

Neoprene gloves

PVC gloves

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.

- **Eye/face 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**

· Colour:	Cream coloured
· Odour:	Mild
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	100 °C
· Flash point:	>100 °C
· pH	7.5 - 8.5
· Solubility	
· water:	Fully miscible.
· Vapour pressure:	Not determined.

(Contd. on page 6)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 5)

- **Density and/or relative density**
- **Density at 20 °C:** 1.2 g/cm³
- **9.2 Other information**
- **Appearance:**
- **Form:** Liquid
- **Important information on protection of health and environment, and on safety.**
- **Explosive properties:** Product does not present an explosion hazard.
- **Solvent content:**
- **VOC (EU)** 49 g/l
- **Solids content:** 65 - 75 %

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

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** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

GB

(Contd. on page 7)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 6)

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

CAS: 108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/L (mouse)

CAS: 55965-84-9 CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1)

Dermal	LD50	660 mg/kg (rabbit)
Inhalative	LC50/4 h	2.36 mg/L (rat)

- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation** Irritating to eyes.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **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.
- **Additional toxicological information:**
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
CAS 108-88-3; Repr. 2 (GB CLP)
- **11.2 Information on other hazards**

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

CAS: 55965-84-9 CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1)

LC50/96 h	0.19 mg/L (rainbow trout)
EC50/48 h	0.16 mg/L (daphnia magna)
EC50/72 h	0.027 mg/L (algae)

- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** Low potential for accumulating in organisms
- **12.4 Mobility in soil** No further relevant information available.

(Contd. on page 8)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 7)

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

The product contains materials that are harmful to the environment.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

- **European waste catalogue**

2008/98/EC (UK WM3) : n/a

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP13	Sensitising

- **Uncleaned packaging:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR	Void
	Void
· ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void

(Contd. on page 9)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 8)

- | | |
|---|-----------------|
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 "BPR" 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 (EU) 2016/131 of 1 February 2016 approving C(M)IT/MIT (3:1) as an existing active substance for use in biocidal products for product-types 2, 4, 6, 11, 12 and 13.
 HSE EH40/2005 Workplace Exposure Limits (as amended)
 Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)
 "GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019
 "UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 48

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

CAS: 108-88-3 | toluene

3

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

CAS: 108-88-3 | toluene

3

- **National regulations:**

- **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

(Contd. on page 10)

GB

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 9)

- **Other regulations, limitations and prohibitive regulations**

"UK REACH" Regulation Annex XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

- **Substances of very high concern (SVHC) according to REACH, Article 57** Not applicable.
- **Substances of very high concern (SVHC) according to UK REACH** Not applicable.
- **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.

- **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

- **Department issuing SDS:**

Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

- **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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 2: Flammable liquids – Category 2
 Acute Tox. 3: Acute toxicity – Category 3
 Acute Tox. 2: Acute toxicity – Category 2
 Acute Tox. 1: Acute toxicity – Category 1
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C

(Contd. on page 11)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 07.12.2022

Version number 8 (replaces version 7)

Revision: 07.12.2022

Trade name: TREMCO SF105

(Contd. of page 10)

Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· *** Data compared to the previous version altered.**

GB