

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

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

- **1.1 Product identifier**

- **Trade name:** TREMCO CP250 SL

- **MSDS code:** W-T-CP250-SL

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Restricted to professional users.

- **Application of the substance / the mixture** Protective coating

- **1.3 Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

tremco illbruck Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
Tel: +44 (0) 1942251400, Fax: +44 (0) 1942251410
msds@tremco-illbruck.com

- **Further information obtainable from:**

tremco illbruck Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
T: +44 (0) 1942251400, F: +44 (0) 1942251410
www.tremco-illbruck.co.uk, uk.info@tremco-illbruck.com

- **1.4 Emergency telephone number:**

During office hours tel.: +44 (0) 1942251400. At all other times please contact your national poisoning centre.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

Acute Tox. 3	H331	Toxic if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Dam. 1	H318	Causes serious eye damage.
Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Repr. 1A	H360FD	May damage fertility. May damage the unborn child.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

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

- **Hazard pictograms**



GHS05 GHS06 GHS08

- **Signal word** Danger

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 1)

· Contains:

hydrocarbons, C9-unsaturated, polymerised
 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
 calcium oxide
 Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics
 1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate
 dibutyltin dilaurate

· Hazard statements

H331 Toxic if inhaled.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H317 May cause an allergic skin reaction.
 H360FD May damage fertility. May damage the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P201 Obtain special instructions before use.
 P260 Do not breathe vapours.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P284 In case of inadequate ventilation wear respiratory protection.
 P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P342+P311 If experiencing respiratory symptoms: Call a doctor.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

· Supplemental information:

Restricted to professional users.
 EUH204 Contains isocyanates. May produce an allergic reaction.

· 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: 71302-83-5	hydrocarbons, C9-unsaturated, polymerised	30-<50%
EC number: 615-276-3	Skin Sens. 1, H317; Aquatic Chronic 3, H412	
Reg.nr.: 01-2119555292-40-xxxx		

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 2)

EC number: 919-446-0 Reg.nr.: 01-2119458049-33-xxxx	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics STOT RE 1, H372; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	5-<10%
CAS: 140921-24-0 ELINCS: 411-700-4 Reg.nr.: 01-0000015906-63-xxxx 01-2119983489-15-xxxx	1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate Skin Sens. 1, H317	1-<5%
CAS: 1305-78-8 EINECS: 215-138-9 Reg.nr.: 01-2119475325-36-xxxx	calcium oxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	1-<5%
CAS: 4098-71-9 EINECS: 223-861-6	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Acute Tox. 1, H330; Resp. Sens. 1, H334; Skin Corr. 1C, H314; Aquatic Chronic 2, H411; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-<5%
CAS: 77-58-7 EINECS: 201-039-8 Reg.nr.: 01-2119496068-27-xxx	dibutyltin dilaurate Muta. 2, H341; Repr. 1A, H360FD; STOT SE 1, H370; STOT RE 1, H372; Skin Corr. 1A, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	0.1-<1%

- **SVHC -**

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

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out of danger area and lay down.

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **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.

- **4.2 Most important symptoms and effects, both acute and delayed**

Toxic if inhaled.

May cause damage to organs through prolonged or repeated exposure.

Breathing difficulty

Asthma attacks

Allergic reactions

Risk of serious damage to eyes.

Irritating to eyes, respiratory system and skin.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 3)

- **Information for doctor:** No further relevant information available.
- **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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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:**
Mouth respiratory protective device.
Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
- **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.
Ensure adequate ventilation.
- **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.
Do not breathe vapour.
Prevent formation of aerosols.
Avoid contact with the eyes and skin.
Pregnant women should strictly avoid inhalation or skin contact.
- **Information about fire - and explosion protection:**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **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.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 4)

- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
- **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:**

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

OES Long-term value: 350 mg/m³

- **DNELs**

Long term effects

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

Oral	consumer	26 mg/kg/24h (general public) (systemic effects)
Dermal	industrial	44 mg/kg/24h (workers) (systemic effects)
	consumer	26 mg/kg/24h (general public) (systemic effects)
Inhalative	industrial	330 mg/m ³ (workers) (systemic effects)
	consumer	71 mg/m ³ (general public) (systemic effects)

- **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:**

Keep away from foodstuffs, beverages and feed.
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 breathe vapour.
Pregnant women should strictly avoid inhalation or skin contact.

- **Respiratory protection:**

Ensure good ventilation/exhaustion at the workplace.
Use only in well-ventilated areas.
Do not breathe vapour.

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.
B/P2

- **Protection of hands:**



Protective gloves

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

- **Material of gloves**

PE gloves

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 5)

Recommended thickness of the material: ≥ 0.02 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.

- **Eye protection:**



Tightly sealed goggles

- **Body protection:**



Protective work clothing

SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

Form: Viscous

Colour: Black

- **Odour:** Characteristic

- **Melting point/freezing point:** Undetermined.

- **Initial boiling point and boiling range:** Undetermined.

- **Flash point:** >60 °C

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

- **Density at 20 °C:** 1.22 g/cm³

- **Solubility in / Miscibility with water:** Not miscible / difficult to mix.

- **Solvent content:**

VOC (EU) 78 g/l

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

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** Reacts with amines.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 6)

- **10.4 Conditions to avoid**

Water / moisture.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- **10.5 Incompatible materials:** No further relevant information available.

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**

- **Acute toxicity**

Toxic if inhaled.

- **LD/LC50 values relevant for classification:**

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

Oral	LD50	>15,000 mg/kg (rat)
	NOAEL	1,056 mg/kg (rat)

Dermal	LD50	3,400 mg/kg (rabbit)
	LC50/4 h	>13.1 mg/L (rat)

4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

Inhalative	LC50/4 h	0.031 mg/L (rat) (OECD Guideline 403)
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77-58-7 dibutyltin dilaurate

Oral	LD50	175 mg/kg (rat)
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- **Primary irritant effect:**

- **Skin corrosion/irritation**

Causes skin irritation.

- **Serious eye damage/irritation**

Causes serious eye damage.

- **Respiratory or skin sensitisation**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

- **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**

May damage fertility. May damage the unborn child.

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

- **STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

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

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

71302-83-5 hydrocarbons, C9-unsaturated, polymerised

LC50/96 h	25.8 mg/L (fish)
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- **12.2 Persistence and degradability** No further relevant information available.

(Contd. on page 8)

GB

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 7)

- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

71302-83-5 hydrocarbons, C9-unsaturated, polymerised

EL50/72 h >100 mg/L (algae)

EL50/48 h 54 mg/L (daphnia magna)

- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Harmful to aquatic organisms
- **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**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
Cured product can be deposited together with domestic waste. Observe the specific related regulations of local authorities.

- **European waste catalogue**

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 10	Toxic for reproduction
HP 13	Sensitising
HP 14	Ecotoxic

- **Uncleaned packaging:**
- **Recommendation:**
Dispose of packaging according to regulations on the disposal of packagings.
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

- | | |
|---------------------------------------|------|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |

(Contd. on page 9)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 8)

- **14.3 Transport hazard class(es)**

- **ADR, ADN, IMDG, IATA**

- **Class** Void

- **14.4 Packing group**

- **ADR, IMDG, IATA** Void

- **14.5 Environmental hazards:**

- **Marine pollutant:** No

- **14.6 Special precautions for user**

Not applicable.

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

Not applicable.

- **UN "Model Regulation":**

Void

SECTION 15: Regulatory information

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

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

HSE EH40/2005 Workplace Exposure Limits (as amended)

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

2001/118/EC as regards the list of wastes

2008/98/EC on waste

- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 20

- **Regulation (EU) No 649/2012**

77-58-7	dibutyltin dilaurate	Annex I Part 1
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- **National regulations:**

- **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

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

- **Substances of very high concern (SVHC) according to REACH, Article 57** 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**

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 6

Revision: 10.04.2018

Trade name: TREMCO CP250 SL

(Contd. of page 9)

- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H341 Suspected of causing genetic defects.
- H360FD May damage fertility. May damage the unborn child.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

- ADR: Accord européen sur le transport 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
- Acute Tox. 1: Acute toxicity – Category 1
- Acute Tox. 3: Acute toxicity – Category 3
- Skin Corr. 1A: Skin corrosion/irritation – Category 1A
- Skin Corr. 1C: Skin corrosion/irritation – Category 1C
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Muta. 2: Germ cell mutagenicity – Category 2
- Repr. 1A: Reproductive toxicity – Category 1A
- STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
- 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
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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