

# Safety data sheet

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

Printing date 19.01.2023

Version number 3 (replaces version 2)

Revision: 19.01.2023

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

### 1.1 Product identifier

Trade name: **TREMCO RW414**

MSDS code: W-T-RW414

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

Restricted to professional users.

Application of the substance / the mixture Primer / Subcoating

### 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

Flam. Liq. 2	H225	Highly flammable liquid and vapour.
Acute Tox. 4	H332	Harmful if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Repr. 1B	H360D	May damage the unborn child.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.

### 2.2 Label elements

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

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

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**· Hazard pictograms**

GHS02 GHS07 GHS08

**· Signal word** Danger**· Contains:**

xylene

butanone

Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, polymer with 2,4-diisocyanato-1-methylbenzene

isophorondiisocyanate homopolymer

dioctyltin dilaurate

**· Hazard statements**

H225 Highly flammable liquid and vapour.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H360D May damage the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

**· Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Supplemental information:**

Restricted to professional users.

EUH204 Contains isocyanates. May produce an allergic reaction.

As from 24 August 2023 adequate training is required before industrial or professional use.

· feica.eu/PUinfo:



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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

· <b>Determination of endocrine-disrupting properties</b>	
CAS: 78-93-3 butanone	List II

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

· <b>Dangerous components:</b>		
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-xxxx	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	30-<50%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	30-<50%
CAS: 37273-56-6 EC number: 609-378-7	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, polymer with 2,4-diisocyanato-1-methylbenzene Acute Tox. 4, H332; Eye Irrit. 2, H319; Skin Sens. 1B, H317	10-<20%
CAS: 3648-18-8 EINECS: 222-883-3	dioctyltin dilaurate Repr. 1B, H360D; STOT RE 1, H372	1-<5%
CAS: 53880-05-0 Reg.nr.: 01-2119488734-24-xxxx	isophorondiisocyanate homopolymer Skin Sens. 1, H317; STOT SE 3, H335	1-<5%
CAS: 4098-71-9 EINECS: 223-861-6	isophorone di-isocyanate Acute Tox. 1, H330; Resp. Sens. 1, H334; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 %	0.1-<1%

CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-xxxx	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	30-<50%
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- **EU SVHC** see Section 15
- **GB SVHC** see Section 15
- **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.

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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:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Seek immediate medical advice.

· **After swallowing:**

Rinse out mouth with water.

Seek immediate medical advice.

· **Information for doctor:** No further relevant information available.

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

Irritating to eyes, respiratory system and skin.

Allergic reactions

Vapours may cause drowsiness and dizziness.

Nausea

Harmful if swallowed, in contact with skin or if inhaled.

May cause damage to organs through prolonged or repeated exposure.

May damage the unborn child.

· **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:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

· **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:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Keep away from ignition sources.

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Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

**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**

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

Ensure good ventilation/exhaustion at the workplace.

Do not eat, drink, smoke or sniff while working.

Ensure that washing facilities are available at the work place.

Pregnant women should strictly avoid inhalation or skin contact.

**Information about fire - and explosion protection:**

Highly flammable liquid and vapour.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.**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.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 78-93-3 butanone**WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppmLong-term value: 600 mg/m<sup>3</sup>, 200 ppm

Sk, BMGV

**CAS: 1330-20-7 xylene**WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppmLong-term value: 220 mg/m<sup>3</sup>, 50 ppm

Sk, BMGV

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**· PNECs****CAS: 78-93-3 butanone**

PNEC	55.8 mg/L (fresh water)
	709 mg/L (sewage treatment plant)
	55.8 mg/L (sporadic release)
	55.8 mg/L (salt water)
PNEC	22.5 mg/kg (soil)
	284.7 mg/kg (sediment (salt water))
	284.7 mg/kg (sediment (fresh water))

**· Ingredients with biological limit values:****CAS: 78-93-3 butanone**

BMGV	70 µmol/L
	Medium: urine
	Sampling time: post shift
	Parameter: butan-2-one

**CAS: 1330-20-7 xylene**

BMGV	650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid

**· 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.

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.

Clean skin thoroughly immediately after handling the product.

Wash contaminated clothing before reuse.

**· 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 ABEK2/P3

Ensure good ventilation/exhaustion at the workplace.

For further guidance,

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

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- **Hand protection**



Protective gloves

- **Material of gloves**

Impervious gloves

Nitrile rubber, NBR

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**



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**

- **Physical state**

Fluid

- **Colour:**

Various colours

- **Odour:**

Characteristic

- **Melting point/freezing point:**

Undetermined.

- **Boiling point or initial boiling point and boiling range**

130-145 °C

- **Lower and upper explosion limit**

- **Lower:**

1.0 Vol %

- **Upper:**

10.0 Vol %

- **Flash point:**

-7 °C

- **Ignition temperature:**

500 °C (CAS: 1330-20-7 xylene)

- **pH**

Not applicable.

- **Viscosity:**

- **Kinematic viscosity at 40 °C**

>20.5 mm<sup>2</sup>/s

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· <b>Solubility</b>	
· <b>water:</b>	Immiscible / difficult to mix.
· <b>Vapour pressure at 20 °C:</b>	105 hPa (CAS: 78-93-3 butanone)
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.87 g/cm <sup>3</sup>
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Highly flammable liquid and vapour.
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	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**  
Water / moisture.

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

· **10.5 Incompatible materials:** Reacts with oxidising agents.· **10.6 Hazardous decomposition products:**

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

**SECTION 11: Toxicological information**· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**· **Acute toxicity** Harmful if inhaled.· **LD/LC50 values relevant for classification:****CAS: 78-93-3 butanone**

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	34 mg/L (rat)

**CAS: 1330-20-7 xylene**

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	3,200 mg/kg (rabbit)
Inhalative	LC50/4 h	20 mg/L (rat)

**CAS: 4098-71-9 isophorone di-isocyanate**

Inhalative	LC50/4 h	0.031 mg/L (rat) (OECD Guideline 403)
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· **Skin corrosion/irritation** Causes skin irritation.· **Serious eye damage/irritation** Causes serious eye irritation.· **Respiratory or skin sensitisation** May cause an allergic skin reaction.· **Reproductive toxicity** May damage the unborn child.· **STOT-single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.· **STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.· **Additional toxicological information:** Harmful if swallowed, in contact with skin or if inhaled.· **11.2 Information on other hazards**· **Endocrine disrupting properties**

CAS: 78-93-3	butanone
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List II

**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****CAS: 78-93-3 butanone**

LC0/96 h	2,993 mg/L (pimephales promelas)
EC50/48 h	308 mg/L (daphnia magna)

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**CAS: 1330-20-7 xylene**

LC50/96 h	21 mg/L (pimephales promelas)
	13.5 mg/L (lepomis macrochirus)
EC50/24 h	165 mg/L (daphnia magna)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** Volatile
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**

· **Ecotoxicological effects:****CAS: 1330-20-7 xylene**

IC50/72 h	3-5 mg/L (selenstrum capricornutum)
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- **Additional ecological information:**
- **General notes:** Do not allow product 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.

· **European waste catalogue**

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP6	Acute Toxicity
HP10	Toxic for reproduction
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.

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### SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, IMDG, IATA	UN1224
· 14.2 UN proper shipping name	
· ADR	1224 KETONES, LIQUID, N.O.S. (ETHYL METHYL KETONE (METHYL ETHYL KETONE))
· IMDG, IATA	KETONES, LIQUID, N.O.S. (ETHYL METHYL KETONE (METHYL ETHYL KETONE))
· 14.3 Transport hazard class(es)	
· ADR	
	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E,S-D
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3

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· <b>Tunnel restriction code</b>	D/E
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 1224 KETONES, LIQUID, N.O.S. (ETHYL METHYL KETONE (METHYL ETHYL KETONE)), 3, III

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 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
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 74

· <b>Regulation (EU) No 649/2012</b>	
CAS: 3648-18-8   dioctyltin dilaurate	Annex I Part 1
· <b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b>	
None of the ingredients is listed.	
· <b>REGULATION (EU) 2019/1148</b>	
· <b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b>	
None of the ingredients is listed.	
· <b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>	
None of the ingredients is listed.	
· <b>Regulation (EC) No 273/2004 on drug precursors</b>	
CAS: 78-93-3   butanone	3

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

CAS: 78-93-3 | butanone

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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** No further relevant information available.

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

CAS: 3648-18-8 | dioctyltin dilaurate

· **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.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful 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.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH204 Contains isocyanates. May produce an allergic reaction.

· **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

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## Safety data sheet

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

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**Trade name: TREMCO RW414**

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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)  
 PNEC: Predicted No-Effect Concentration (UK REACH)  
 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  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Acute Tox. 1: Acute toxicity – Category 1  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Resp. Sens. 1: Respiratory sensitisation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Skin Sens. 1B: Skin sensitisation – Category 1B  
 Repr. 1B: Reproductive toxicity – Category 1B  
 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 Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

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