

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: SWARCO ECO TEXTBAND Tape

Contains: Resin acids and Rosin acids, fumarated, esters with pentaerythritol

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

Use of the substance/mixture: Thermoplastic Preformed Overband Crack/Joint Repair System
For industrial/professional use only.

Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

Name of Supplier: SWARCO HITEX LTD

Address of Supplier: 4 Cloister Way
Ellesmere Port
Cheshire
CH65 4EL
UK

Telephone: +44 (0)151 355 4100

Website: swarco.com/rms

Email: info.hitex@swarco.com

1.4 Emergency telephone number

Emergency Telephone: +44(0) 151 355 4100

Hours of operation: 08.00 to 17.00 GMT

For medical advice or information contact your GP or dial 111 for 24-hour health advice (England – NHS 111, Scotland – NHS 24 111, Wales – NHS 111 Wales, Northern Ireland – NHS 111 Northern Ireland).

SECTION 2: Hazards identification

This classification is relevant when exposed to dust or powder arising from the product in use e.g. cutting, sanding, grinding, machining, or fumes from hot material

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Skin Sens. 1, H317; Eye Irrit. 2, H319

Additional information: For full text of Hazard and EU Hazard statements: see section 16

2.2 Label elements



Signal Word: Warning

Hazard statements

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements

P261 - Avoid breathing dust

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

SECTION 2: Hazards identification (....)

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

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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

P501 - Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Supplemental Hazard information (EU)

None

2.3 Other hazards

Not a PBT according to REACH Annex XIII

Not a vPvB according to REACH Annex XIII

Does not contain any substances with endocrine disrupting properties

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	REACH Registration Number	SCL/ M-Factor/ ATE	WEL/ OEL
Limestone; Calcium carbonate	-	1317-65-3 471-34-1	215-279-6 207-439-9	Not classified (Substance with a workplace exposure limit)	-	-	Yes
Quartz SiO ₂ (crystalline silica)	-	14808-60-7	238-878-4	Not classified (Substance with a workplace exposure limit)	-	-	Yes
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	10 - 15%	94581-15-4	305-514-1	Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 4, H413	01-2119485895-17-XXXX	-	None
Carbon black	-	1333-86-4	215-609-9	Not classified (Substance with a workplace exposure limit)	-	-	Yes

SECTION 4: First aid measures

4.1 Description of first aid measures

No action shall be taken involving any personal risk or without suitable training

Rescuers should put on approved personal protective equipment (PPE) before administering first aid

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

Irrigate eyes thoroughly whilst lifting eyelids

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

SECTION 4: First aid measures (....)**Contact with skin**

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.

Ingestion

Rinse mouth.
Give plenty of water to drink
Never give anything by mouth to an unconscious person
Do NOT induce vomiting.
Get immediate medical advice/attention.

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Keep warm and at rest, in a half upright position. Loosen clothing
Apply artificial respiration only if patient is not breathing but do not use mouth to mouth resuscitation
If breathing is difficult, oxygen should be given by a trained person
Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed**Contact with eyes**

Causes redness and irritation

Contact with skin

May cause an allergic skin reaction.
May cause skin sensitisation. Stop using product if skin sensitisation occurs.

Ingestion

May cause gastro-intestinal irritation
May cause nausea/vomiting

Inhalation

Dust may cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media: alcohol resistant foam; dry powder; carbon dioxide; water spray; water fog;
sand/earth
Unsuitable extinguishing media: high volume water jet

5.2 Special hazards arising from the substance or mixture

Gives off irritating or toxic fumes (or gases) in a fire.
Decomposition products may include carbon oxides

5.3 Advice for firefighters

Evacuate the area and keep personnel upwind
Keep container(s) exposed to fire cool, by spraying with water

SECTION 5: Firefighting measures (....)

Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains.
Prevent fire extinguishing water from contaminating surface or ground water.

Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Rescuers should take suitable precautions to avoid becoming casualties themselves

No action shall be taken involving any personal risk or without suitable training

Personal precautions for non-emergency personnel: Avoid formation of dust; Avoid contact with skin and eyes; Do not breathe dust; Wear protective clothing as per section 8

Personal precautions for emergency responders: Evacuate the area and keep personnel upwind; Wear self-contained breathing apparatus (SCBA); Wear chemical protection suit

6.2 Environmental precautions

Do not allow to enter public sewers and watercourses

If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

Confine spills of molten material and allow to solidify

Avoid formation of dust

Damp down to avoid dust generation

Shut off all ignition sources

Collect as much as possible in clean container for reuse or disposal

Remove contaminated material to safe location for subsequent disposal

Seek expert advice for removal and disposal of all contaminated materials and wastes

Wash thoroughly after dealing with spillage

6.4 Reference to other sections

See section(s): 7, 8 & 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not use this product.

Ensure adequate ventilation

Avoid raising dust

Wear protective clothing as per section 8

Use good personal hygiene practices

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

Contaminated clothing should be laundered before reuse

SECTION 7: Handling and storage (....)

Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry well-ventilated place. Keep container tightly closed.

Protect from sunlight.

Keep away from food, drink and animal feedingstuffs

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

Incompatible with alkalis (strong bases)

Incompatible with strong acids

Incompatible with strong oxidizing substances

7.3 Specific end use(s)

Thermoplastic Preformed Overband Crack/Joint Repair System

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents).

Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m³ (8hr TWA) total inhalable dust; 4 mg/m³ (8hr TWA) total respirable dust

Limestone; Calcium carbonate

WEL (long term) 6 mg/m³ (UK, inhalable dust)

WEL (long term) 2.4 mg/m³ (UK, respirable dust)

DNEL (inhalational) 6.36 mg/m³ Industry, Long Term, Local Effects

DNEL (inhalational) 1.06 mg/m³ Consumer, Long Term, Local Effects

DNEL (oral) 6.1 mg/kg bw/day Consumer, Long Term, Systemic Effects

DNEL (oral) 6.1 mg/kg bw/day Consumer, Acute/Short Term, Systemic Effects

PNEC (STP) 100 mg/L

Quartz SiO₂ (crystalline silica)

(EU) OELV (long term TWA) (respirable crystalline silica) 0.1 mg/m³

WEL (long term) 0.1 mg/m³ (respirable crystalline silica, UK)

Resin acids and Rosin acids, fumarated, esters with pentaerythritol

DNEL (inhalational) 10 mg/m³ Industry, Long Term, Local Effects

DNEL (dermal) 2.09 mg/kg bw/day Industry, Long Term, Systemic Effects

DNEL (dermal) 1.046 mg/kg bw/day Consumer, Long Term, Systemic Effects

DNEL (oral) 1.046 mg/kg bw/day Consumer, Long Term, Systemic Effects

PNEC aqua (freshwater) 100 µg/L

PNEC aqua (intermittent releases, freshwater) 1 mg/L

PNEC aqua (marine water) 10 µg/L

PNEC (STP) 1.26 mg/L

PNEC sediment (freshwater) 2 317.75 mg/kg

SECTION 8: Exposure controls/personal protection (....)

PNEC sediment (marine water) 231.775 mg/kg
PNEC terrestrial (soil) 462.06 mg/kg

Carbon black

WEL (long term) 3.5 mg/m³ (UK)
WEL (short term) 7 mg/m³ (UK)
DNEL (inhalational) 1 mg/m³ Industry, Long Term, Systemic Effects
DNEL (inhalational) 60 µg/m³ Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 50 mg/L

8.2 Exposure controls

Selection and use of personal protective equipment should be based on a risk assessment of exposure potential

Engineering controls

Engineering controls should be provided to prevent the need for ventilation
Provide appropriate exhaust ventilation at places where airborne dust is generated

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment
Use type FFP2 or FFP3 (EN 143) dust masks
Where a reusable half mask respirator is required, use EN 140 mask and EN 143 particle filter, or EN 1827
Where a full face mask respirator is required, use EN 136, with particle filter EN 143

Skin protection

Wear suitable protective clothing
Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.

Eye/face protection

Wear safety glasses approved to standard EN 166.
Eyewash bottles should be available

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns

Hygiene measures

Do not eat, drink or smoke when using this product.
Contaminated clothing should be laundered before reuse
Use good personal hygiene practices
Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air)
Wash thoroughly after handling.

Environmental exposure controls

Avoid release to the environment.
Do not allow to penetrate the ground/soil.
Do not empty into drains



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid. Thermoplastic tape on a roll or in strips.
Colour:	Black
Odour:	No data available
Melting point/freezing point:	100 °C
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	Not flammable
Lower and upper explosion limit:	Not applicable
Flash point:	> 230 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable
Kinematic viscosity:	Not applicable
Solubility:	Insoluble in water
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	No data available
Density and/or relative density:	1.9 – 2.1 g/cm ³
Relative vapour density:	No data available
Particle characteristics:	No data available

9.2 Other information

No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions

10.2 Chemical stability

Considered stable under normal conditions

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

Avoid formation of dust

Avoid extremes of temperature

10.5 Incompatible materials

Incompatible with alkalis (strong bases)

Incompatible with strong acids

Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

Decomposition products may include carbon oxides

SECTION 11: Toxicological information

The hazard is from exposure to dust, powder or fumes arising from the product in use

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

Substances

Chemical Name	LD ₅₀ (oral, rat)	LC ₅₀ (inhalation, rat)	LD ₅₀ (dermal, rabbit)
Limestone; Calcium carbonate	2 000 mg/kg	(4 h) 3 mg/L	2 000 mg/kg (rat)
Quartz SiO ₂ (crystalline silica)	No data available	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	2 000 - 5 000 mg/kg	No data available	2 000 mg/kg (rat)
Carbon black	2 000 - 10 000 mg/kg	LC ₅₀ (4 h) 4.6 mg/m ³	2 000 mg/kg

Skin corrosion/irritation

Based on available data, the classification criteria are not met

Substances

Chemical Name	Irritation/corrosion
Limestone; Calcium carbonate	No adverse effect observed (not irritating)
Quartz SiO ₂ (crystalline silica)	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	No adverse effect observed (not irritating)
Carbon black	No adverse effect observed (not irritating)

Serious eye damage/irritation

Causes serious eye irritation.

Classification based on calculation and concentration thresholds

Substances

Chemical Name	Irritation/corrosion
Limestone; Calcium carbonate	No adverse effect observed (not irritating)
Quartz SiO ₂ (crystalline silica)	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Adverse effect observed (irritating)
Carbon black	No adverse effect observed (not irritating)

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Classification based on calculation and concentration thresholds

SECTION 11: Toxicological information (....)

Substances

Chemical Name	Skin sensitisation	Respiratory sensitisation
Limestone; Calcium carbonate	No adverse effect observed (not sensitising)	No study available
Quartz SiO ₂ (crystalline silica)	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Adverse effect observed (sensitising)	No study available
Carbon black	No adverse effect observed (not sensitising)	No study available

Germ cell mutagenicity

Based on available data, the classification criteria are not met

Quartz (crystalline silica) is a suspected mutagen: The outcome in CTA assay is positive according to ISSCTA

Substances

Chemical Name	Toxicity - In Vitro	Toxicity - In Vivo
Limestone; Calcium carbonate	No adverse effect observed (negative)	No study available
Quartz SiO ₂ (crystalline silica)	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	No adverse effect observed (negative)	No study available
Carbon black	No adverse effect observed (negative)	No adverse effect observed (negative)

Carcinogenicity

Based on available data, the classification criteria are not met

Quartz (crystalline silica) is a suspected carcinogen: IARC monographs classified the substance as carcinogenic or probably/possibly carcinogenic.

Carbon black, when inhaled as dust, is classified by IARC as Group 2B (possibly carcinogenic to humans)

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Limestone; Calcium carbonate	No data available	No data available	No data available
Quartz SiO ₂ (crystalline silica)	No data available	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	No data available	No data available	No data available
Carbon black	No data available	No data available	No data available

Reproductive toxicity

Based on available data, the classification criteria are not met

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Quartz SiO ₂ (crystalline silica)	No data available	No data available	No data available

SECTION 11: Toxicological information (....)

Resin acids and Rosin acids, fumarated, esters with pentaerythritol	No data available	No data available	No data available
Limestone; Calcium carbonate	No data available	No data available	No data available
Styrene-butadiene copolymer	No data available	No data available	No data available
Carbon black	No data available	No data available	No data available

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met

Substances

Chemical Name	Route	Remarks
Limestone; Calcium carbonate	Respiratory	No study available
Quartz SiO ₂ (crystalline silica)	Respiratory	No study available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Respiratory	No study available
Carbon black	Respiratory	No adverse effect observed (not irritating)

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Limestone; Calcium carbonate	1 000 mg/kg bw/day	212 mg/m ³	No data available
Quartz SiO ₂ (crystalline silica)	No data available	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	300 mg/kg bw/day 3 000 - 18 000 ppm	No data available	No data available
Carbon black	1 000 mg/kg bw/day	1 - 52.8 mg/m ³	No data available

Aspiration hazard

Based on available data, the classification criteria are not met

Contact with eyes

Causes redness and irritation

Contact with skin

May cause an allergic skin reaction.

May cause skin sensitisation. Stop using product if skin sensitisation occurs.

Ingestion

May cause gastro-intestinal irritation

May cause nausea/vomiting

Inhalation

Dust may cause respiratory irritation.

11.2 Information on other hazards

SECTION 11: Toxicological information (....)

Does not contain any substances with endocrine disrupting properties

SECTION 12: Ecological information

12.1 Toxicity

Based on available data, the classification criteria are not met

Substances

Chemical Name	LC ₅₀ (fish)	EC ₅₀ (aquatic invertebrates)	EC ₅₀ (aquatic algae)
Limestone; Calcium carbonate	No data available	No data available	(72 h) 14 mg/L
Quartz SiO ₂ (crystalline silica)	No data available	No data available	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	(4 days) 400 mg/L	EL ₅₀ (48 h) 100 mg/L	EL ₅₀ (72 h) 100 - 1 000 mg/L
Carbon black	(4 days) 100 - 10 000 mg/L	(48 h) 100 - 1 000 mg/L	(72 h) 100 - 10 000 mg/L

12.2 Persistence and degradability

Not readily biodegradable

Substances

Chemical Name	Biodegradation
Limestone; Calcium carbonate	Not applicable, inorganic
Quartz SiO ₂ (crystalline silica)	Not applicable, inorganic
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Not readily biodegradable
Carbon black	Not readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is not expected

Substances

Chemical Name	Bioconcentration Factor (BCF)	Log Kow
Limestone; Calcium carbonate	No bioaccumulation potential	Not applicable, inorganic
Quartz SiO ₂ (crystalline silica)	No data available	Not applicable, inorganic
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Bioaccumulation is not expected	Log Pow 3.41 @ 20 °C and pH 6.34 - 6.49
Carbon black	Bioaccumulation is not expected	Not applicable, inorganic

12.4 Mobility in soil

This substance is poorly absorbed onto soils or sediments

SECTION 12: Ecological information (....)

Substances

Chemical Name	Adsorption/desorption
Limestone; Calcium carbonate	Low potential for adsorption
Quartz SiO ₂ (crystalline silica)	No data available
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	Calculated log Koc 2.07 - 5.365
Carbon black	Koc 589 - 4 300 (dimensionless) @ 20 °C and 1.3 - 3.6 % organic carbon

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

Not a vPvB according to REACH Annex XIII

12.6 Endocrine disrupting properties

No information available

12.7 Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation

Dispose of contents/container to an authorised waste collection point

This material and/or its container must be disposed of as hazardous waste

Do not reuse empty containers without commercial cleaning or reconditioning

Avoid release to the environment.

13.2 Classification

The waste must be identified according to the List of Wastes (2000/532/EC)

Hazardous Property Code(s): HP 4 Irritant; HP 13 Sensitising

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

UN No.: Not applicable

14.2 UN proper shipping name

Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

Hazard Class: Not applicable

14.4 Packing group

SECTION 14: Transport information (....)

Packing Group: Not applicable

14.5 Environmental hazards

Not classified

14.6 Special precautions for user

No information available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Road/Rail (ADR/RID)

ADR UN No.: Not applicable

Proper Shipping Name: Not applicable

ADR Hazard Class: Not applicable

ADR Packing Group: Not applicable

Tunnel Code: Not applicable

14.9 Sea (IMDG)

IMDG UN No.: Not applicable

Proper Shipping Name: Not applicable

IMDG Hazard Class: Not applicable

IMDG Packing Group: Not applicable

14.10 Air (ICAO/IATA)

ICAO UN No.: Not applicable

Proper Shipping Name: Not applicable

ICAO Hazard Class: Not applicable

ICAO Packing Group: Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH

The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain

Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe

Restrictions on use according to Annex XVII to REACH Regulation: Entry 3 - Liquid substances or mixtures which are regarded as dangerous

15.2 Chemical safety assessment

A REACH chemical safety assessment has not been carried out

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SECTION 16: Other information (....)

Sources of data: Information from testing, published literature and supplier safety data sheets

Revision No. 1.2. Revised February 2018.

Changes made: Updated to remove obsolete classification

Revision No. 2.0.0. Revised March 2023.

Changes made: Updated to conform to latest version of REACH Annex II

Revision No. 2.1.0. Revised December 2023.

Changes made: Product rename due to rebranding

Training advice

Workers must be informed of the presence of hazardous ingredients and trained in the proper use and handling of this product as required under applicable regulations

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Sens. 1, H317: Classification based on calculation and concentration thresholds

Eye Irrit. 2, H319: Classification based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H413: May cause long lasting harmful effects to aquatic life

Acronyms

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service

DNEL: Derived No-Effect Level

EC: European Community

EC₅₀: Effective Concentration, 50%

EL₅₀: Effective Loading Rate resulting in 50% effect.

GHS: Globally Harmonised System

IARC: International Agency for Research on Cancer

LC₅₀: Lethal Concentration, 50%

LD₅₀: Lethal Dose, 50%

LOAEC: Lowest Observed Adverse Effect Concentration

LOAEL: Lowest Observed Adverse Effect Level

NOAEC: No Observed Adverse Effect Concentration

NOAEL: No Observed Adverse Effect Level

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No-Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

SCL: Specific Concentration Limit

SECTION 16: Other information (....)

STOT RE: Specific Target Organ Toxicity Repeated Exposure

STOT SE: Specific Target Organ Toxicity Single Exposure

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

WEL: Workplace Exposure Limit