

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Article 31

ISO No. 5794

Version 1

Date prepared: May 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Sikaflex EBT + Clear
Identification of the product: Product Name: Sikaflex EBT+ Adhesive, Sealant, Filler (Clear)
Product Code: ESPS/EBTCLR

Type of product: Mixture

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

Use: Sealant/adhesive

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008): Eye irritation, Category 2 - H319: Causes serious eye irritation.
Skin sensitisation, Category 1 - H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 3 - H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008):

Hazard pictograms:



Signal word: Danger

Hazard Statements: H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

Pentamethyl piperidylsebacate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3 Composition/information on ingredients

Mixtures
Hazardous components

Substance Name	CAS No	EC No	Concentration %	Registration Number	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
3-(trimethoxysilyl)propylamine	13822-56-5	237-511-5	>= 2.5 - <3%	01-2119510159-45-XXXX	Skin Irrit.2; H315, Eye Dam.1; H318	-
trimethoxyvinylsilane (Contains: tetramethyl orthosilicate <= 0,2 %)	2768-02-7	220-449-8	>= 1 - < 2,5%	012119513215-52-XXXX	Flam. Liq.3; H226, Acute Tox.4; H332 STOT RE2; H373	-
Pentamethyl piperidylsebacate (Contains: bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate)	-	915-687-0	>= 0,25 - < 1%	01-2119497304-40-XXXX	Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

General advice: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air. Consult a physician after significant exposure.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Allergic reactions. Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.

Risks: Irritant effects: May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: No hazardous combustion products are known.

5.3 Advice for fire-fighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further Information: Standard procedure for chemical fires.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Deny access to unprotected persons.

6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Other data: No decomposition if stored and applied as directed.

7.3 Specific end use(s)

No data available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value	Control Parameters	Basis*
Methanol	67-56-1	TWA	200 ppm 266 mg/m ³	GB EH40
		STEL	250 ppm 333 mg/m ³	GB EH40

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Person protective equipment

Eye protection: Safety glasses with side-shields conforming to EN166. Eye wash bottle with pure water.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.

Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (0,4 mm), Contaminated gloves should be removed.

Suitable for permanent exposure: Viton gloves (0,4 mm), breakthrough time >30 min.

Skin and body protection: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection: No special measures required.

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9 Physical and chemical properties

Appearance: Paste

Colour: Colourless

Odour: Slight

Odour threshold: No data available.

Flash point: > 93,33 °C

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Lower explosion limit (Vol-%): No data available.

Upper explosion limit (Vol-%): No data available.

Flammability: No data available.

Explosive properties: No data available.

Oxidising properties: No data available.

pH value: No data available.

Melting point/range / Freezing point: No data available.

Boiling point/boiling range: No data available.

Vapour pressure: 0.01 hPa

Density: ca.1.05 g/cm³ at 20 °C

Water solubility: Insoluble

Partition coefficient: noctanol/ water: No data available.

Viscosity, dynamic: No data available.

Viscosity, kinematic: > 20,5 mm²/s at 40 °C

Relative vapour density: No data available.

Evaporation rate: No data available.

9.2 Other information

No data available.

SECTION 10 Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions: Stable under recommended storage conditions.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Methanol

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified based on available information.

Components

Trimethoxyvinylsilane: Acute oral toxicity: LD50 Oral (Rat): ca. 7.120 mg/kg
Acute inhalation toxicity: LC50: ca. 16,8 mg/l, Exposure time: 4 h, Test atmosphere: dust/mist
Acute dermal toxicity: LD50: 3.540 mg/kg

Skin corrosion/irritation: Not classified based on available information.

Respiratory or skin sensitisation: Skin sensitisation: May cause an allergic skin reaction.
Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

STOT - single exposure: Not classified based on available information.

STOT - repeated exposure: Not classified based on available information.

Aspiration hazard: Not classified based on available information.

SECTION 12 Ecological information

12.1 Toxicity

Components

Pentamethyl piperidylsebacate: Toxicity to fish : LC50: 0,97 mg/l, 96 h, Fish

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Product: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging: 15 01 10* packaging containing residues of or contaminated by dangerous substances.

SECTION 14 Transport information

- 14.1 UN number** Not regulated as a dangerous good.
- 14.2 UN proper shipping name** Not regulated as a dangerous good.
- 14.3 Transport hazard class(es)** Not regulated as a dangerous good.
- 14.4 Packaging group** Not regulated as a dangerous good.
- 14.5 Environmental hazards** Not regulated as a dangerous good.
- 14.6 Special precautions for user** No data available.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** Not applicable

SECTION 15 Regulatory information

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

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Banned and/or restricted (1,2-Benzenedicarboxylic acid, di- C9-11-branched alkyl esters, ClO-rich)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) Not applicable

REACH Information

All substances contained in our Products are
 - preregistered or registered by our upstream suppliers, and/or
 - preregistered or registered by us, and/or
 - excluded from the regulation, and/or
 - exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major- accident hazards involving dangerous substances.

Not applicable

VOC-CH (VOCV)

VOC-EU (solvent)

2.5%

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture:

Health and Safety at Work Act 1974 & Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16 Other information

Full text of H-Statements

- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- 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.

Full text of other abbreviations

- Acute Tox. Acute toxicity
- Aquatic Acute Acute aquatic toxicity
- Aquatic Chronic Chronic aquatic toxicity
- Eye Dam. Serious eye damage
- Flam. Liq. Flammable liquids
- Skin Irrit. Skin irritation
- Skin Sens. Skin sensitisation
- STOT RE Specific target organ toxicity - repeated exposure
- ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
- CAS Chemical Abstracts Service
- DNEL Derived no-effect level
- EC50 Half maximal effective concentration
- GHS Globally Harmonized System
- IATA International Air Transport Association
- IMDG International Maritime Code for Dangerous Goods
- LD50 Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
- LC50 Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
- MARPOL International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
- OEL Occupational Exposure Limit
- PBT Persistent, bioaccumulative and toxic
- PNEC Predicted no effect concentration
- REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

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