SPS Envirowall Ltd

sps|envirowall TOTAL FAÇADE SOLUTIONS

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

ISO No. 5006 **Version 2** **Date prepared:** February 2022

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

1.1 Product identifier

Trade Name: Compacfoam Adhesive

Identification of the product: Product Name: Compacfoam Adhesive

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

Use: Adhesive

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Lonsdale Chambers
Lonsdale Street
Stoke on Trent
ST4 6ER
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone No. NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Hazard class and category code regulation EC1272/2008 (CLP): Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling regulation (EC) 1272/2008 (CLP): H412 Harmful to aquatic life with long lasting effects.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/national regulation.
Contains: Dioctyltinbis(acetylacetonate), N-[3-(Trimethoxysilyl)propyl]ethylenediamine.
EUH208 May produce an allergic reaction.

2.3 Other hazards

Does not contain any PBT or vPvB substances.
Further hazards were not determined with the current level of knowledge.

SECTION 3 Composition/information on ingredients

Product-type: The product is a mixture.

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Comments on Component Parts
Tnmethoxyvrnylsilane	2768-02-7	220-449-8	1 - <5	01-2119513215-52-XXXX	GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H332	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1 %. For full text of H-statements: see SECTION 16.
N-[3-(Tnmethoxysilyl)propyl]ethyl enediamine	1760-24-3	217-164-6	0.1 < 1	01-2119970215-39-XXXX	GHS/CLP: Eye Dam. 1: H318 - Skin Sens. 1: H317	
Dioctyltinbis(acetylacetonate)	54068-28-9	483-270-6	0.1 < 1	01-0000020199-67-XXXX	GHS/CLP: STOT SE 2: H371 - Skin Sens. 1: H317	
Bis(1,2,2,6,6-pentamethyl-4-plperfdinyl)-[(3,5-bis(1, 1-dimethylethyl)-4-hydroxyphenyl}-methyij butylmalona	63843-89-0	264-513-3	0.1 < 1	01-2119978231-37-XXXX	GHS/CLP: Acute Tox. 4: H302 - STOT RE 1: H372 - Aquatic Chronic 1: H410	
Pyrithione zinc	13463-41-7	236-671-3	0.01 < 0.1		GHS/CLP: Acute Tox. 3: H301 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 -Acute Tox. 4: H332, M = 10	

SECTION 4 First aid measures

4.1 Description of first aid measures

General Information: Take off contaminated clothing and wash before reuse.

Inhalation: In the event of symptoms seek medical treatment. Ensure supply of fresh air.

Skin contact: In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion: Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat Symptomatically

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable Extinguishing media: Foam, dry powder, water spray jet, carbon dioxide.

Extinguishing media that must not be used: Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
In the event of fire the following can be released: Nitrogen oxides (NOx), carbon monoxide (CO). Hydrogen chloride (HCl).

5.3 Advice for fire-fighters

Use self-contained breathing apparatus.
Do not inhale explosion and/or combustion gases.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.
Cool containers at risk with water spray jet.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Clean up procedures: Take up mechanically.
Take up residues with absorbent material (e.g. sand).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections See Section 8+13

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
No special measures necessary.
Do not eat, drink, smoke or take drugs at work. Wash hands before breaks and after work.
Clean skin thoroughly after work, apply skin cream. Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Keep container in a well-ventilated place. storage stability [months]: 12

7.3 Specific end use(s) See product use, Section 1.2

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance: Distillates (petroleum), hydrotreated light paraffinic
CAS: 64742-55-8. EINECS/ELINCS: 265-158-7, EU-INDEX: 649-468-00-3, REG-NO: 01-2119487077-29-XXXX
Long Term Exposure: 5mg/m^3, ACGIH TLV (OIL MIST)

DNEL

Substance: Trimethoxyvinylsilane, CAS: 2768-02-7
Industrial, inhalative, Acute - systemic effects: 260mg/m^3
Industrial, dermal, Long-term - systemic effects: 3.9mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects: 27.6 mg/m^3
General population, dermal, Long-term - systemic effects: 7.8mg/kg bw/day
General population, inhalative, Acute - systemic effects: 50 mg/m^3
General population, inhalative, Long-term - systemic effects: 6.7 mg/m^3
General population, oral, Long-term - systemic effects: 300µg/kg bw/day

Substance: Dioctyltinbis (acetylacetonate), CAS: 54068-28-9
Industrial, inhalative, Acute - systemic effects: 70µg/kg bw/day
Industrial, inhalative, Acute - systemic effects: 84mg/m^3

Substance: N-[3-(Trimethoxysilyl)propyl]eithylenediamine, CAS 1760-24-3
Industrial, inhalative, Long-term - systemic effects: 35.5mg/m^3
Industrial, dermal, Long-term - systemic effects: 5mg/kg/d
Industrial, dermal, Acute - systemic effects: 5mg/kg/d
General population, dermal, Long-term - systemic effects: 2.5mg/kg/d
General population, inhalative, Long-term - systemic effects: 8.7 mg/m^3
General population, oral, Long-term - systemic effects: 2.5mg/kg/d

Substance: Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)-[(3,5-bis(1, 1-dimethylethyl)-4-hydroxyphenyl)-methyl] butylmalonate, CAS:63843-89-0
Industrial, inhalative, Long-term - systemic effects: 50µg/m^3
Industrial, dermal, Long-term - systemic effects: 70µg/kg bw/day
General population, oral, Long-term - systemic effects: 3µg/kg bw/day
General population, inhalative, Long-term - systemic effects: 10µg/m^3
General population, dermal, Long-term - systemic effects: 33µg/kg bw/day

SECTION 8 Exposure controls/personal protection CONT....

PNEC

Substance: Trimethoxyvinylsilane, CAS: 2768-02-7
Sediment (seawater), 150µg/kg
Seawater, 40µg/L
Sewage treatment plants (STP) 6.6mg/L
Freshwater, 400µg/L
Sediment (freshwater) 1.5mg/kg

Substance: Dioctyltinbis (acetylacetonate), CAS: 54068-28-9
Sediment (freshwater), 155µg/kg sediment dw
Sewage treatment plants (STP) 1mg/L
Seawater, 2.6µg/L
Sediment (seawater), 15.5µg/kg sediment dw
Freshwater, 26µg/L

Substance: N-[3-(Trimethoxysilyl)propyl]eithylenediamine, CAS 1760-24-3
Sewage treatment plants (STP), 25mg/l
Freshwater, 0.062mg/l
Seawater, 0.0062mg/l
Sediment (freshwater). 0.05mg/kg
Soil, 0.0075mg/kg
Sediment (seawater), 0.005mg/kg

Substance: Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)-[(3,5-bis(1, 1-dimethylethyl)-4-hydroxyphenyl)-methyl] butylmalonate, CAS:63843-89-0
Seawater, 4ng/l
Freshwater, 40ng/l
Sediment (freshwater), 504.4mg/kg sediment dw.
Sewage treatment plants (STP), 1mg/L
Sediment (seawater), 50.44mg/kg sediment dw

8.2 Exposure controls

Additional advice on system design: Ensure adequate ventilation on workstation.
Eye protection: Measurement methods for taking workplace measurements must meet the performance requirements of safety glasses (EN 166:2001)

Hand Protection: 0,4 mm Butyl rubber, >480 min (EN 374-1/-2/-3).
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin Protection: Light protective clothing.
Other: Avoid contact with eyes and skin.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection: Not required under normal conditions.
Thermal hazards: No information available.
Delimitation and monitoring of the environmental exposition: Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 Physical and chemical properties

Appearance: Pasty
Colour: White
Odour: Charecteristic
Odour Threshold: No information available.
pH value: Not applicable
pH value (1%): Not applicable
Boiling Point(°C): Not applicable
Flash point(°C): >240
Flammability(solid, gas)(°C): hardly inflammable
Explosive limits **Upper:** No information available. **Lower:** No information available.
Oxidising properties: No
Vapour pressure/gas Not applicable
Density(g/ml): 1.4 (20°C)
Bulk density [kg/m3] Not applicable
Solubility in water: Insoluble
Partition coefficient [n-octanol /water]: No information available.
Viscosity: No information available.
Relative vapour density determined in air: Not applicable
Evaporation rate: Not applicable
Melting point(°C): Not applicable
Autoignition temperature(°C): Not applicable
Decomposition temperature(°C): No information available.

9.2 Other information No information available.

SECTION 10 Stability and reactivity

10.1 Reactivity See Section 10.3

10.2 Chemical stability Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous react Strong heating.

10.4 Conditions to avoid See SECTION 7.2. Strong heating.

10.5 Incompatible materials No information available

10.6 Hazardous decomposition products No hazardous decomposition products known.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product
ATE-mix, dermal, Based on the available information, the classification criteria are not fulfilled.:
ATE-mix, inhalative, Rat: > 20 mg/l.
ATE-mix, oral, Rat: > 2000 mg/kg.

Substance
Trimethoxyvinylsilane, CAS: 2768-02-7
LD50, dermal, Rabbit: 3259 mg/kg bw.
LD50, inhalative, Rat: 16,8 mg/l (4 h) (OECD TG 403).
LD50, oral, Rat: 7120 mg/kg (OECD TG 401).
NOAEL, inhalative, Rat: 0,058 mg/l (98 d).
NOAEL, oral, Rat: < 62,5 mg/kg (28 d) (OECD TG 422).
Dioctyltinbis(acetylacetonate), CAS: 54068-28-9
LD50, dermal, Rat: > 2000 mg/kg (Study Number TX 1027).
LD50, dermal, Rat: > 2000 mg/kg (OECD 402).
LD50, oral, Rat: 2500 mg/kg.
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LD50, dermal, Rat: >2000 mg/kg bw (Lit.).
LD50, oral, Rat: 2995 mg/kg bw (Lit.).
LC50, inhalative, Rat: 1,49 - 2,44 mg/L (4h) (Lit.).
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)-[(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-methyl] butylmalonate, CAS: 63843-89-0
LD50, dermal, Rat: 3170 mg/kg bw.
LD50, oral, Rat: 1490 mg/kg bw.
LC50, inhalative, Rat: 460 mg/m³ (4h).

Serious eye damage/eye irritation: Based on the available information, the classification criteria are not fulfilled.

Skin corrosion/irritation: Based on the available information, the classification criteria are not fulfilled.

Respiratory or skin sensitisation: Based on the available information, the classification criteria are not fulfilled. No classification due to substance-specific concentration limits. 54068-28-9: 5%

Germ cell mutagenicity: Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity: Based on the available information, the classification criteria are not fulfilled.

Reproductive toxicity: Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity - single exposure: Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity - repeated exposure: Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard: Based on the available information, the classification criteria are not fulfilled.

Additional Information

On product: Toxicological data of complete product are not available.

SECTION 12 Ecological information

12.1 Toxicity

Substance
Trimethoxyvinylsilane, CAS: 2768-02-7
LC50, (96h), Oncorhynchus mykiss: 191 mg/l.
EC50, Pseudokirchneriella subcapitata: 210 mg/l (7 d) (US-EPA).
EC50, (48h), Daphnia magna: 168,7 mg/l (92/69/EWG C.2).
EC10, Pseudomonas putida: 1000 mg/l (5 h).
Dioctyltinbis(acetylacetonate), CAS: 54068-28-9
EC50, (24h), Scenedesmus subspicatus: 300 mg/l (OECD 201).
EC50, (96h), fish: 86 mg/l (OECD 203).
EC50, (48h), Daphnia magna: 58,6 mg/l (OECD 202).
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LC50, (96h), Danio rerio: 597 mg/l (Lit.).
EC50, (48h), Daphnia magna: 81 mg/l (Lit.).
EC50, (16h), Pseudomonas putida: 67 mg/l (Lit.).
IC50, (72h), Algae: 8,8 mg/l (OECD 201).
NOEC, (72h), Algae: 3,1 mg/l (OECD 201).
NOEC, (21d), Daphnia magna: > 1 mg/l (Lit.).
Pyrithione zinc, CAS: 13463-41-7
LC50, (96h), Danio rerio: 0,0104 mg/l.
EC50, (48h), Daphnia magna: 0,051 mg/l.
EC50, (72h), Pseudokirchneriella subcapitata: 0,051 mg/l.
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)-[(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-methyl] butylmalonate, CAS: 63843-89-0
LC50, (96h), fish: > 100 mg/L.
EC50, (72h), Algae: 61 mg/L.

12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential No information available.

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB asse Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials. Ecotoxicological data are not available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods Waste material - It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue

13.2 General

Product: Observe national and local legal requirements.
Coordinate disposal with the disposal contractor/authorities if necessary.

Waste No. (recommended) 080409*

Contaminated Packaging: Packaging that cannot be cleaned should be disposed of as for product.

Waste No. (recommended) 150110*

SECTION 14 Transport information

14.1 UN number

Transport by land according to ADR/RID: Not Applicable

Inland Navigation (ADN): Not Applicable

Marine transport in accordance with IMDG: Not Applicable

Air transport in accordance with IATA: Not Applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID: No Dangerous Goods

Inland Navigation (ADN): No Dangerous Goods

Marine transport in accordance with IMDG: Not classified as "Dangerous Goods"

Air transport in accordance with IATA: Not classified as "Dangerous Goods"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID: Not Applicable

Inland Navigation (ADN): Not Applicable

Marine transport in accordance with IMDG: Not Applicable

Air transport in accordance with IATA: Not Applicable

14.4 Packaging group

Transport by land according to ADR/RID: Not Applicable

Inland Navigation (ADN): Not Applicable

Marine transport in accordance with IMDG: Not Applicable

Air transport in accordance with IATA: Not Applicable

14.5 Environmental hazards

Transport by land according to ADR/RID: No

Inland Navigation (ADN): No

Marine transport in accordance with IMDG: No

Air transport in accordance with IATA: No

14.6 Special precautions for user Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No information available

SECTION 15 Regulatory information

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

EEC-Regulations: 1991/689 (2001 /118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

Transport Regulations: ADR (2019); IMDG-Code (2019, 39. Arndt.); IATA-DGR (2019)

National Regulations (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

Observe employment restrictions for people No

VOC (2010/75/CE) <4.5%

15.2 Chemical safety assessment Not applicable

SECTION 16 Other information

Hazard Statements Section 3
H400 Very toxic to aquatic life.
H301 Toxic if swallowed.
H41 O Very toxic to aquatic life with long lasting effects.
H372 Causes damage to organs (lymph node) through prolonged or repeated exposure. H302 Harmful if swallowed.
H371 May cause damage to organs. [Immune system; if swallowed]
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H226 Flammable liquid and vapour.

Abbreviations and acronyms:
ADR = Accord europeen relatif au transport international des marchandises Dangereuses par Route
RID= Reglement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord europeen relatif au transport international des marchandises dangereuses par voie de navigation interieure
ATE= acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
MARPOL = International Convention for the Prevention of Marine Pollution from Ships NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®fTWA = Threshold limit value - time-weighted average
TLV®STEL = Threshold limit value - short-time exposure limit
voe = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

Other Information
Classification Procedure - Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.
Modified Position - None

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