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Safety Data Sheet

Seelex Hybrid range



Sealing Products

Section 1: Identification of the article and the company

- 1.1. Identification:** Fixfast Hybrid Construction
- 1.2. Use:** A moisture curing elastomeric sealant/adhesive for weather proofing and bonding.

1.3. Details of the supplier of the safety data sheet:

Fixfast Ltd
Merlin House
Seven Mile Lane
Borough Green
Sevenoaks
Kent
TN15 8QY

Email of Competent person responsible for SDS: quality@fixfast.com

- 1.4. Emergency telephone:** +44 (0) 800 304 7616 (Monday - Friday, normal office hours only)

Section 2: Hazards identification

2.1 Classification of the mixture

- 2.1.1 Regulation EC 1272/2008
Skin sens. 1A: H317

2.2 Label elements

- 2.2.1 Regulation EC 1272/2008

Hazard pictograms:



Signal word: WARNING

Hazardous components to be indicated on label:

Contains: 3-(trimethoxysilyl)propylamine
Methyl(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate: May produce an allergic reaction

Hazard statements: H317: May cause an allergic skin reaction

Precautionary statements: P271: Use in well ventilated areas
P280: Wear protective clothing and gloves.
P333+313+312: If skin irritation occurs or if you feel unwell, seek medical advice

2.3 Other hazards

Results of PBT and vPvB assessment

This product does not contain any known PBT or vPvB substances

Section 3: Composition/information on ingredients

Ingredient	CAS No.	EINECS	REACH registration No.	Classification According to Reg. (EC) 1278/2008 (CLP)	% W/W
Trimethoxy(vinyl)silane	2768-02-7	220-449-8		Flam Liq 2: H225 Acute Tox. 4: H332	0.1– 3%
3-(trimethoxysilyl)propylamine	13822-56-5	237-511-5		Eye dam. 1: H318 Skin Irrit. 2: H315	<1%
N-(3-(trimethoxysilyl)propyl) ethylenediamine	1760-24-3	217-164-6		Acute Tox. 4: H332 Aquatic chronic 2: H411 Skin sens. 1: H317 Eye dam. 1: H317	<1%
Benzenepropanoic acid, 3,5,-bis (1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters	125643-61-0	406-040-9		Aquatic chronic 4: H413	<1%
alpha-3-(3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxy-ethylen)	104810-48-2				
alpha-3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl)-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylen)	104810-47-1		N/A	Skin sens. 1: H317	<1%
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	255-437-1			
Methyl(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	82919-37-7	280-060-4	N/A	Skin sens. 1A: H317 Aquatic chronic 1: H410	<1%
Dioctyltin oxide tetraethylorthosilicate	870-08-6 78-10-4	212-791-1 201-083-8	01-2119971268-27-0002 01-2119496195-28-xxxx	STOT SE 2: H371 Flam. Liq. 3: H226 Acute Tox. 4: H332 Eye irrit. 2: H319 STOT SE 3: H335	<1%

*for full text of Hazard statements see section 16.

Section 4: First aid measures

- 4.1 General:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- Skin Contact:** Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS. Seek medical attention if irritation persists.
- Eye Contact:** Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.
- Ingestion:** If accidentally swallowed wash mouth with water and give large volumes of water to drink. DO NOT induce vomiting. Seek medical attention.
- Inhalation:** Remove to fresh air. If symptoms persist, or if in doubt, seek medical attention.
- 4.2 Most important symptoms and effects**
- After skin contact:** Prolonged contact may cause irritation and dry skin.
- After eye contact:** May affect vision. If irritation persists seek medical advice
- After ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor

Section 5: Fire-fighting measures

- 5.1 Extinguishing Media:** Foam, CO₂, powder, water spray/mist.
- 5.2 Special Hazards:** organic compound so black smoke and carbon monoxide and carbon dioxide will be released in a fire
- 5.3 Advice for firefighters:** Do not allow run off from fire fighting to enter drains or water courses. Wear self-contained breathing apparatus

Section 6: Accidental release measures

6.1: Personal precautions and protective equipment

Avoid skin and eye contact. Wear personnel protective equipment. Ensure adequate ventilation.

6.2: Environmental precautions

Do not allow to enter drains or water courses.

6.3: Method for containment and clean up

Contain and collect spillages and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Take action to avoid static electricity discharge.

Section 7: Handling and storage

7.1. Precautions for safe handling:

Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited during use. For personal protection see Section 8.

Keep away from sources of ignition. Take precautions to avoid static electricity discharge.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in section 9. This will give the net weight of the product in kilograms.

7.2. Precautions for safe storage:

Keep containers closed when not in use.

Observe label precautions – Store between 5°C and 25°C. in a dry well-ventilated place away from sources of heat.

Protect from frost. Keep out of reach of children. Store separately from oxidising agents and strongly acidic materials.

Section 8: Exposure controls/personal protection

8.1. Control Parameters:

EXPOSURE LIMITS:

Substance	Occupational Exposure Limits				Notations
	8 hr LTEL (1)		15 min STEL(2)		
	ppm	mgm ⁻³	ppm	mgm ⁻³	
dioctyltin oxide		0.1 (WEL)		0.2 (WEL)	

(1) Long-term exposure limit – 8 hour time weighted average.

(2) Short-term exposure limit – 15 mins time weighted average.

(3) WEL - workplace exposure limit

8.2. Exposure controls:

Engineering Measures:

Provide adequate ventilation during application and drying.

Respiratory equipment

If ventilation is insufficient suitable respiratory protective equipment must be worn.

Skin & Hand protection

Wear suitable protective clothing and plastic or rubber gloves.

Eye protection

Eye protection designed to protect against liquid splashes should be worn. Equipment should conform to EN166

Hygiene measures

When using do not eat drink or smoke. Wash hands before eating, drinking, smoking or using the toilet.

Section 9: Physical and chemical properties

physical state	viscous paste	
odour	slight	
flash point	N/A	
specific gravity	Translucent - 1.0-1.05 @ 20 oC Colours – 1.45 – 1.50 @20OC	
solubility	not soluble in water.	
VOC (calculated)	Trans:- 22g/ltr	Colours: - 35g/ltr

Section 10: Stability and reactivity

10.1. Reactivity:	Not data available.
10.2. Chemicals to avoid:	Stable under normal temperature and storage conditions
10.3. Possibility of Hazardous reactions:	None known
10.4. Conditions to avoid:	Strong acids, bases and oxidising materials
10.5. Incompatible materials:	See section 10.4
10.3. Hazardous decomposition products:	See section 5

Section 11: Toxicological information

11.1 Information on Toxicological effects not established.

Ingestion:	May cause discomfort if swallowed. May cause stomach pain and nausea
Skin contact:	May cause an allergic skin reaction
Eye contact:	Risk of damage to eyes.
Inhalation:	not significant
Sensitisation:	Not sensitising
STOT:	Not classified

Section 12: Ecological information

12.1. Eco toxicity:	Not data available.
12.2. Persistence and degradability:	Only slightly biodegradable.
12.3. Bio accumulative potential:	No data available.
12.4. Mobility in soil:	No data available.
12.5. Results of PBT & vPvB assessment:	This product is not identified as a PBT/vPvB substance.
12.2. Other adverse effects:	Not available

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of this material as hazardous or special waste in accordance with local or national requirements.

Section 14: Transport information

This product is not covered by International regulation on the transport of dangerous goods.

14.1 UN number:	not applicable
14.2 Proper shipping name:	not applicable
14.3 Transport hazard class:	not applicable
14.4 Packing group:	not applicable
14.5 Environmental hazards:	not classed as Marine pollutant
14.6 Special precautions for users:	no. see section 7
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	Not applicable

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) 1272/2008 (CLP)

Control of Substances Hazardous to Health Regulations 1999
Environment Act 1995
Management of Health and Safety at Work Regulations 1999
Personal Protective Equipment at Work Regulations 1992
Special Waste Regulations 1996 as amended

HEALTH AND SAFETY EXECUTIVE GUIDANCE NOTES

HS(G)37 An Introduction to Local Exhaust Ventilation
EH40 Occupational Exposure Limits
EH44 Dust: General Principles of Protection
HS(G)53 The Selection, Use and Maintenance of Respiratory Protective Equipment
HS(G)71 Storage of Packaged Dangerous Substances
HS(G)193 COSHH Essentials: easy steps to control chemicals
L23 Manual Handling Guidance on Regulations

BRITISH STANDARDS PUBLICATIONS

EN420: General Requirements for Gloves
EN166: Personal Eye Protection: Specifications
BS2092: Eye Protection for Industrial and Non-Industrial Users
BS4275: Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16: Other information

Symbols and text used in sections 2 & 3

Hazard statements: H225 Highly Flammable liquid and vapour
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
H335 May cause respiratory irritation
H336 May cause drowsiness and dizziness
H371 May cause damage to the immune system
H410 Very toxic to aquatic life with long lasting effects
H411 Toxic to aquatic life with long lasting effects
H413 May cause long lasting harmful effects to aquatic life

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CLP Regulations. The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.



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