

EVERGUARD MS Sealant-LM

Low Modulus One-Component Silane-modified Sealant

HAZARDS IDENTIFICATION

Classification of the substance or mixture

- Classification under CLP: -: EUH208
- Most important adverse effects:
Contains n-(3-(trimethoxysilyl)propyl)ethylenediamine, dibutylbis(pentane-2,4-dionato,o,o')tin. May produce an allergic reaction.

Label elements

- Hazard statements: EUH208:
Contains n-(3-(trimethoxysilyl)propyl)ethylenediamine, dibutylbis(pentane-2,4-dionato,o,o')tin. May produce an allergic reaction.

Other hazards

- PBT: This product is not identified as a PBT/vPvB substance.

COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Hazardous ingredients:

INECS	CAS	PBT / WEL	CLP Classification	Percent
LIMESTONE				
215-279-6	1317-65-3	Substance with a Community workplace exposure limit.	—	50-70%
DIISONONYLPHTHALATE - REACH registered number(s): 01-2119432682-41-0000				
271-090-9	68515-48-0	Substance with a Community workplace exposure limit.	—	10-30%
TITANIUM DIOXIDE				
236-675-5	13463-67-7	Substance with a Community workplace exposure limit.	—	1-10%
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE				
217-164-6	1760-24-3	—	Eye Dam. 1: H318; Skin Sens. 1B: H317	<1%
DIBUTYLBIS(PENTANE-2,4-DIONATO,O,O')TIN				
245-152-0	22673-19-4	—	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Muta. 2: H341; Repr. 1A: H360; STOT SE 1: H370; STOT RE 1: H372; Aquatic Chronic 1: H410	<1%

FIRST AID MEASURES

Description of first aid measures

- Skin contact:
Wash immediately with plenty of soap and water.
- Eye contact:
Bathe the eye with running water for 15 minutes.
- Ingestion: Wash out mouth with water.

Most important symptoms and effects, both acute and delayed

- Skin contact:
There may be mild irritation at the site of contact.
- Eye contact: There may be irritation and redness.
- Ingestion: There may be irritation of the throat.
- Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Indication of any immediate medical attention and special treatment needed

- Immediate / special treatment: Not applicable.

FIRE-FIGHTING MEASURES

Extinguishing media

- Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

- Exposure hazards: In combustion emits toxic fumes.

Advice for fire-fighters

- Advice for fire-fighters:
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions:
Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions

- Environmental precautions: Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

- Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to other sections

- Reference to other sections: Refer to section 8 of SDS.

HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

- Storage conditions:
Store in a cool, well ventilated area. Keep container tightly closed.

Specific end use(s)

- No data available

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Hazardous ingredients

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
LIMESTONE				
UK	—	—	4mg/m ³	—
DIISONONYLPHTHALATE				
UK	5mg/m ³	—	—	—
TITANIUM DIOXIDE				
UK	—	—	4mg/m ³	—

Exposure controls

- Respiratory protection:
Respiratory protective device with particle filter.
- Hand protection: Protective gloves.
- Eye protection:
Safety glasses. Ensure eye bath is to hand.
- Skin protection: Protective clothing.

DNEL/PNEC Values

- No data available.

PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- State: Paste
- Colour: White
- Odour: Odourless
- Evaporation rate: Not applicable
- Oxidising: No data available
- Solubility in water: No data available
- Boiling point/range°C: Not applicable
- Relative density: 1.53-1.58 g/ml
- Melting point/range°C: No data available

Other information

- No data available

STABILITY AND REACTIVITY

Reactivity

- Reactivity: Stable under recommended transport or storage conditions.

Chemical stability

- Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions

- Hazardous reactions:
Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid

- Conditions to avoid: Heat

Incompatible materials

- Materials to avoid: Strong oxidising agents. Strong acids.

Hazardous decomposition products

- Haz. decomp. products: In combustion emits toxic fumes

TOXICOLOGICAL INFORMATION

Information on toxicological effects

Hazardous ingredients

LIMESTONE				
ORAL	RAT	LD50	2000	mg/kg
DIISONONYLPHTHALATE				
DERMAL	RBT	LD50	3160	mg/kg
DUST/MIST	RAT	4H LC50	4.4	mg/l
ORAL	RAT	LD50	10000	mg/kg
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE				
DERMAL	RBT	LD50	2000	mg/kg
DUST/MIST	RAT	4H LC50	1.49	mg/l
ORAL	RAT	LD50	2295	mg/kg

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	—	No hazard: calculated
Acute toxicity (ac. tox. 3)	—	No hazard: calculated
Acute toxicity (ac. tox. 2)	—	No hazard: calculated
Acute toxicity (ac. tox. 1)	—	No hazard: calculated
Skin corrosion/irritation	—	No hazard: calculated
Serious eye damage/irritation	—	No hazard: calculated
Respiratory/skin sensitisation	—	No hazard: calculated
Germ cell mutagenicity	—	No hazard: calculated
Carcinogenicity	—	No hazard: calculated
Reproductive toxicity	—	No hazard: calculated
STOT-single exposure	—	No hazard: calculated
STOT-repeated exposure	—	No hazard: calculated
Aspiration hazard	—	No hazard: calculated

Symptoms / routes of exposure

- Skin contact:
There may be mild irritation at the site of contact.
- Eye contact: There may be irritation and redness.
- Ingestion: There may be irritation of the throat.
- Inhalation:
There may be irritation of the throat with a feeling of tightness in the chest.

ECOLOGICAL INFORMATION

Toxicity

Hazardous ingredients

LIMESTONE			
DAPHNIA MAGNA	48H EC50	100	mg/l
FISH	96H LC50	100	mg/l
GREEN ALGA (Senastrum capricornutum)	72H ErC50	14	mg/l
DIISONONYLPHTHALATE			
DAPHNIA MAGNA	48H EC50	74	mg/l
SCENEDESMUS SUBSPICATUS	72H ErC50	88	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	102	mg/l
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE			
DAPHNIA MAGNA	48H EC50	81	mg/l
GREEN ALGA (Senastrum capricornutum)	72H ErC50	88	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	597	mg/l

Persistence and degradability

- Persistence and degradability: Not biodegradable

Bioaccumulative potential

- Bioaccumulative potential: Bioaccumulation potential

Results of PBT and vPvB assessment

- PBT identification:
This product is not identified as a PBT/vPvB substance.

Other adverse effects

- Other adverse effects:
Toxic to aquatic organisms. Toxic to soil organisms.

DISPOSAL CONSIDERATIONS

Waste treatment methods

- Disposal operations:
Transfer to a suitable container and arrange for collection by specialised disposal company.
- NB:
The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

TRANSPORT INFORMATION

- Transport class:
This product does not require a classification for transport.

REGULATORY INFORMATION

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

- Specific regulations: Not applicable

Chemical Safety Assessment

- Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

OTHER INFORMATION

- Other information:
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2015/830.
* indicates text in the SDS which has changed since the last revision.
- Phrases used in s.2 and s.3:
EUH208: Contains n-(3-(trimethoxysilyl)propyl)
ethylenediamine, dibutylbis(pentane-2,4-dionato,o,o')
tin. May produce an allergic reaction.
H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H341: Suspected of causing genetic defects.
H360: May damage fertility or the unborn child.
H370: Causes damage to organs.
H372: Causes damage to organs through prolonged or
repeated exposure.
H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer:

- The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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