



SAFETY DATA SHEET
AS-4005 GREEN MS SEALANT

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Compilation date: 13/06/2018
Revision No: 0

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

1.1. Product identifier

Product name: AS-4005 GREEN MS SEALANT

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Aseal Marketing Sdn. Bhd.
Lot 2291, Jalan Kampung Baru,
Kampung Baru Sungai Buloh
Sungai Buloh
Selangor
47000
Malaysia

Tel: +603-61433808

Fax: +603-61578002

Email: info@alsealmarketing.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. 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.

2.2. Label elements

Label elements:

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

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

LIMESTONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-279-6	1317-65-3	Substance with a Community workplace exposure limit.	-	50-70%

TITANIUM DIOXIDE

236-675-5	13463-67-7	Substance with a Community workplace exposure limit.	-	1-10%
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N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE

217-164-6	1760-24-3	-	Eye Dam. 1: H318; Skin Sens. 1B: H317	<1%
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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%
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Section 4: First aid measures

4.1. 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.

4.2. 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.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. 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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

LIMESTONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10 mg/m ³	-	4 mg/m ³	-

TITANIUM DIOXIDE

UK	10 mg/m ³	-	4 mg/m ³	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

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8.2. 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.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: White

Odour: Odourless

Evaporation rate: Not applicable.

Oxidising: Not applicable.

Solubility in water: No data available.

Boiling point/range°C: Not applicable.

Melting point/range°C: Not applicable.

Relative density: 1.53-1.58 g/ml

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. 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.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

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11.1. Information on toxicological effects

Hazardous ingredients:

LIMESTONE

ORAL	RAT	LD50	2000	mg/kg
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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

Toxicity values: No data available.

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.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

LIMESTONE

Daphnia magna	48H EC50	100	mg/l
FISH	96H LC50	100	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	14	mg/l

N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE

Daphnia magna	48H EC50	81	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	8.8	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	597	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

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12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

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

Section 13: Disposal considerations

13.1. 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.

Section 14: Transport information

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

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

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

Section 16: Other information

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 <name of sensitising substance>. 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

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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.