

	ALSEAL MARKETING SDN. BHD.		Issued Date: 14/02/17
	Safety Data Sheet		Revision No.: 2
	AS-4001S MS Construction Sealant		Revised Date: 15/05/17
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1. Identification of the substance/preparation and of the company/undertaking

Product name : AS-4001S MS Construction Sealant

Company : Alseal Marketing Sdn Bhd
 Lot 2291, Jalan Kampung Baru,
 Kg. Baru Sungai Buloh,
 47000, Selangor DE,
 Malaysia.

Telephone : +603 - 61579698
Fax : +603 - 61578002
Email : info@alseal.com.my
Website : www.alseal.com.my

2. Hazard(s) identification

GHS Classification

Not hazardous

GHS Label: None

Signal word: None

Hazard Statement(s): None

Precautionary Statement(s):

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with soap and water.
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

3. Composition/Information on ingredients

Chemical name	CAS No.	EINECS	% (w/w)	Toxicology Data
Silyl-terminated polyether	-	-	>20	LD₅₀ oral (rat): ≥ 20 g/kg LD₅₀ dermal (rabbit): > 2 g/kg LC₅₀ inhalation: No data

4. First-aid measures

- **Inhalation:** Remove to fresh air, keep warm and at rest. Contact physician if discomfort persists.
 - **Skin contact:** Remove contaminated clothing. Rinse with copious amount of water. Contact physician if discomfort persists.
 - **Eye contact:** Contact lenses should be removed. Rinse with copious amount of water immediately, seek medical advice if necessary.
 - **Ingestion:** Seek medical advice immediately. DO NOT induce vomiting. Drink plenty of water followed by milk if available. Never give anything by mouth to an unconscious person.
- Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

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5. Fire-fighting measures

- **Suitable extinguishing media:** Use dry chemical powder, foam, carbon dioxide, water fog.
- **Special fire fighting procedures:** Keep up-wind to avoid fumes. Use self-contained breathing apparatus in confined areas.
- **Unusual fire/explosion hazards:** None known.
- **Hazardous combustion products:** Carbon monoxide, carbon dioxide, oxides of nitrogen.
- **Protective measures in fire:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
- **Measure for cleaning/collecting:** Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust, etc). Dispose of contaminated material as waste according to item 13.
- **Additional information:** Prevent spillage from entering drainage/sewer systems. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

7. Handling and storage

- **Handling:** Ensure good ventilation during processing. Do not eat, drink or smoke while handling.
- **Protection against fire/explosion:** General rules of fire prevention should be observed.
- **Storage:** Keep tightly closed and dry. Store in a well-ventilated area, protected from direct sunlight and heat, with temperature below 25°C.

8. Exposure controls/personal protection

- **Industrial hygiene:** Remove immediately all contaminated clothing. Do not inhale vapor. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke while using the product. Change clothing before leaving workplace.
- **Hand protection:** Suitable protective gloves like nitrile or viton are recommended. The breakthrough time of the selected glove must be greater than the intended use period.
- **Respiratory protection:** An organic respirator NIOSH-approved for organic vapors is recommended where local ventilation is not adequate.
- **Eye protection:** Protective goggles/safety glasses.

9. Physical and chemical properties

- **Form** : Paste
- **Color** : Various colors
- **Odor** : Characteristic
- **Boiling temperature** : Not determined
- **Flash point** : 63°C (Closed Cup)
- **Solubility in water** : Insoluble
- **VOC Content** : <10g/L (USEPA Test Method 24)
- **Specific gravity** : Approx. 1.56g/mL (White & Grey colour), Approx. 1.55 g/mL (Black colour)

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10. Stability and reactivity

- **Stability:** Stable when stored under recommended conditions.
- **Conditions to avoid:** Open flame, sparks and heat.
- **Hazardous decomposition products:** Carbon monoxide, carbon dioxide, oxides of nitrogen.
- **Hazardous polymerization:** None known if used for intended purposes.
- **Incompatible materials:** Avoid contact with acids, fluorine, and magnesium with hydrogen.

11. Toxicology information

No specific oral, inhalation or dermal toxicology data is known for this product.

- **Oral:** Expected to be slightly toxic.
- **Inhalation:** Expected to be slightly toxic.
- **Dermal:** Expected to be sensitizing.

12. Ecological information

- **Persistence/Degradability :** Not determined
- **Ecology toxicity :** Not determined

Individual components of this mixture have been independently tested by the raw material suppliers and any known results have been presented above. The results for the individual components may not be representative of the ecological toxicity of this finished product. This finished product has not been tested to determine individual toxicological/ecological limits. Great caution should be taken to prevent release to the environment. See Section 13 for further information.

13. Disposal information

Preferred method of disposal includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even in small quantities, should never be poured down into drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations. This material, when properly mixed and cured at the proper mix ratio, may be safely landfilled.

14. Transport information

Road transport (ADR)

Not regulated

Marine transport (IMDG)

Not regulated

Air transport (IATA)

Not regulated

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15. Regulatory information

EU Classification:Not hazardous.

EU Risk(R) Phrases:None

EU Safety(S) Phrases:

- S25** Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap with water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16. Other information

Definitions:

- **EINECS** :European Inventory of Existing Commercial Chemical Substances.
- **TLV** : Threshold Limit Value.
- **LD₅₀** : The minimum dose required for lethal effects in 50% of agiven population of testspecimens.
- **NIOSH** : National Institute for Occupational Safety and Health.

All materials may present unknown hazards and should be used with caution. Although certain hazardsare described herein, we cannot guarantee these are the only hazards that exist.The details contained herein are based on our present state of knowledge and experience incharacterizing our product with regard to any possible safety requirement. Wedo, however, pass them on without any warranty or property assurances.