



KM Silicone Seal

Waterproofing Membrane for Curtain Wall Facades

1. Product and Company Identification

Product Name : KM Silicone Seal
 Company Identification : Two Nine Six O Trading Pte Ltd
 21 Tuas West Avenue, Singapore 638435
 Local Emergency Contact : +65 6267 1300

2. Hazards Identification

Overall Hazard Classification : Not hazardous.
 Route of Exposure : Skin contact and accidental ingestion.

Possible Health Effects

Acute

Eye : Avoid contact with eyes.
 Skin : No significant irritation expected from a single exposure.
 Inhalation : No significant effects expected from a single short-time exposure.
 Ingestion : Low ingestion hazard in normal use.

Chronic

Skin : No known applicable information.
 Inhalation : No known applicable information.
 Ingestion : Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure : No significant adverse effects from a single exposure expected from normal use.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

3. Composition Information

Chemical Category : Mixture
 Physical Form : Solid State
 Colour : Milky-white
 Use : Silicone Rubber Manufacturer

Chemical name	CAS -NO.	Concentration (% w/w)
Octamethylcyclotetrasiloxane	556-67-2	≥0.1-<1.0
Decamethylcyclopentasiloxane	541-02-6	≥0.1-<1.0
Dodecamethylcyclohexasiloxane	540-97-6	≥0.1-<1.0

4. First Aid Measures

Eyes : Rinse with clean water immediately
 Skin : No first aid should be needed.
 Inhalation : No first aid should be needed.
 Ingestion : Medical treatment.



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5. Fire Fighting Measures

Flammability	: Not applicable
Extinguishing Media	: Use fire extinguishers with class B extinguishing agents. (E.g. dry chemical, carbon dioxide.)
Unsuitable Extinguishing Media	: Not applicable
Protective Equipment for Firefighters	: Not applicable
Flammability	: Self-extinguishing from fire
Flash point	: Not applicable
Ignition temperature	: Not applicable
Explosion limit	: Not applicable

6. Accidental Release Measures

Solid matter results in no leakage. No special measures required.

Protective measures	: Not applicable
Clean Up Methods	: Not applicable
Additional Advice	: Not applicable

7. Handling and Storage

General Precautions	: Not applicable
Handling	: This product is considered to be an article, which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. No special requirement.
Storage	: Keep away from spark, open flames and strong oxidant. Store at room temperature with sufficient extinguishers.

8. Exposure Controls / Personal Protection

Exposure Controls	: Material not contained toxic chemicals
Personal Protective Equipment	: Not applicable
Respiratory Protection	: Not applicable
Hand Protection	: Not applicable
Eye Protection	: Not applicable
Protective Clothing	: Not applicable
Environmental Exposure Controls	: Not applicable

9. Physical and Chemical Properties

Physical Form	: Solid state
Colour	: Milky-white
Odour	: None
pH	: Not determined
Melting Point	: Not determined
Boiling Point	: Not determined
Specific Gravity (g / cm ³)	: Not available
Vapour Density (air = 1)	: Not determined
Octanol/water partition coefficient	: Not determined
Flash Point	: No
Auto ignition temperature	: Not determined
Explosive properties	: No
Solubility in Water	: Not determined



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The above information is not intended for use in preparing product specifications.

10. Stability and Reactivity

Stability	: Stable.
Reactivity	:
Conditions to Avoid	: None.
Materials to Avoid	: Can react with strong oxidizing agents.
Products	: Carbon oxides and traces of incompletely burned carbon compounds. Silicon Dioxide
Hazardous Polymerization	: Hazardous polymerization will not occur

11. Toxicological Information

Possible Health Effects	: Refer to Section 3.
Acute Toxicity	: No.
Thill	: None known applicable information.
Other Health Hazard Information	: None known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon

12. Ecological Information

Environmental Fate and Distribution	: Insoluble in water. No adverse effects are predicted.
Environmental Effects	: No adverse effects on aquatic organisms are predicted.
Bioaccumulation:	: No bioaccumulation ability.
Fate and Effects in Waste Water Treatment Plants	: No adverse effects on bacteria are predicted.

13. Disposal Considerations

Product Disposal	: Dispose of in accordance with local regulations.
Packaging Disposal	: Dispose of in accordance with local regulations.
Disposal Notice	: Dispose of in accordance with local regulations.

14. Transport Information

Road and Rail Transport	: Not applicable.
Sea Transport (IMDG)	: Not subject to IMDG code
Air transport (IATA)	: Not subject to IATA regulations.

15. Regulatory Information

Applicable Laws	: Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace particularly those relating to the safe use, production, storage and transportation of dangerous chemicals
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Chemical Inventories

KECL	: All ingredients listed exempt or notified.
MITI	: All components are listed on ENCS or its exempt rule.
IECSC	: All ingredients listed or exempt.
AICS	: All ingredients listed or exempt.
PICCS	: All ingredients listed or exempt.
EINECS	: Not determined.
TSCA	: Not determined.



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DSL : Not determined.

16. Other Information

This information is offered in good faith as typical values but not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applied. However, each user should review these recommendations in the specific context of the intended use to determine whether they are appropriate.