

GRAB GRAB MATERIAL SAFE DATA SHEET

1. PRODUCT NAME:

CHEMICAL NAME: MS SILANE MODIFIED POLYETHER SEALANT

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2. MAIN COMPONENTS AND CHARACTERS

Polyether modified silane prepolymer: 15-30%。

Dioctyl phthalate(DOP): 10-20% (Benzenedicarboxylic acid dioctyl ester)

Nano calcium carbonate: 40-60%

Heavy Calcium Carbonate: 0-20%

Silane coupling agent: 4-6%

Catalyst Organotin: 0.5-1%

3. HAZARDS IDENTIFICATION

Health hazard: this product may have a numbing effect and/or irritation if someone sensitive to its ingredients.

Acute poisoning: Mildly irritating to the skin

4. FIRST AID MEASURES

In the case of contact with the skin:

Remove contaminated clothing and shoes, flush skin with plenty of running water and soap.

In the case of eye contact:

Lift eyelid, flush eyes with running water or normal saline and seek medical attention.

If the substance is inhaled:

Do not use in enclosed spaces. If inhaled leave the area quickly to outdoors or an open area with fresh air, keep respiratory tract unobstructed. If breathing is difficult, give oxygen and/or seek medical advise immediately. If breathing stops, give artificial respiration immediately. Get medical attention.

If ingested:

Drink plenty of warm water, induce vomiting. Get medical attention.

5. FIREFIGHTING MEASURES

Extinguishing method: Spray water to cool the container and remove the container from the

fire to an open area if possible.

Fire extinguishing agent: foam, carbon dioxide, dry powder, sand.

6. ACCIDENTAL RELEASE MEASURES

Small leakage: shut down all the possible sources of ignition. Wear protective equipment to protect skin and eyes from being poisoned. Use absorbent materials such as sand, soil, vermiculite etc. Avoid pollution of drains, sewers and waterways. Properly collect and seal the overflow and place into a labeled container for treatment in accordance with the related council code.

Large leakage: shut down all the possible sources of ignition. Wear protective equipment to protect skin and eyes from being poisoned. Use absorbent materials such as sand, soil, vermiculite etc. Avoid pollution of drains, sewers and waterways. Properly collect and seal the overflow and place into a labeled container for treatment in accordance with the related council code. If crops, waterways, drains or sewers are polluted, please inform the emergency services department or the national Ministry of agriculture.

7. HANDLING AND STORAGE

Handling: The product can be transported during maximum 4 weeks at a temperature not lower than -30 ° C, however, before use the product should be kept for 24 hours at 23°C.

Storage: Store in sealed original container in a cool, dry and ventilated place. Keep the container sealed when not in use. Keep away from explosive substances, food, oxidants and organic peroxides.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limits: There is no specified value.

Engineering control: Due to the low volatility of products at room temperature, special ventilation is not required under normal conditions. However, under specific equipment operation or high temperature conditions, mist or steam will be generated. Exhaust ventilation should be carried out to keep the air concentration level below the exposure standard, or if there is no specific exposure standard, it should be low to a reasonable and feasible value.

Personnel protection: If necessary, wear work clothes, safety shoes, goggles, gloves etc. Avoid contact with eyes and skin. Do not breathe vapour or mist. Wash gloves, goggles and all contaminated clothes after daily use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white paste.

Solubility: insoluble in water.

Specific gravity: 1.48-1.6.

Boiling point: above 200 °C.

Relative steam density: (air =1) : >1.

Melting point range: above 200 °C.

Steam pressure (20 °C): less than 0.01pa.

Decomposition temperature (°C) : higher than 200°C.

Flash point (°C) : above 200°C (ASTM D93).

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature and pressures

REACTIVITY: Avoid water and moisture.

11. TOXICOLOGICAL INFORMATION

There are no negative health effects if the product is processed according to the safety data sheet and product label. Symptoms may occur if the product is tampered with:

1. Ingestion: harmful to the body if swallowed. May cause gastrointestinal discomfort and pain
2. Eyes: brief contact may cause eye pain
3. Skin: Slight skin irritation and absorption. Delay and repeated exposure may cause severe pain and/or dermatitis.

4. Inhalation: Harmless at ambient temperature.

Follow good work habits and avoid ingestion, breathing, eye and skin contact. Wash your hands with soap and water when smoking, eating, drinking, or using the toilet.

12. ECOLOGICAL INFORMATION

Avoid contamination of drains, sewers, streams and watercourses that are not toxic to aquatic life

13. DISPOSAL CONSIDERATIONS

Dispose of all empty containers in accordance with the regulations of the National Committee. Do not handle at the roots of waterways, vegetation and trees. Empty containers and products should not be ignited.

14. TRANSPORT INFORMATION

UN number: unspecified.

Transportation Name: Ms modified polyether sealant.

Level: not classified as dangerous goods.

Package group: not applicable.

Code of hazardous chemical labelling system: not applicable.

EPG: not applicable.

Isolation: it cannot be loaded with explosive substances, oxidants and organic peroxides.

In domestic and international transportation regulations, such products are not classified as dangerous goods in road, sea and air transportation.

15. REGULATORY INFORMATION

www.safeworkaustralia.gov.au

For rules and regulations on Hazardous chemicals, general rules for classification and hazard publicity of chemical, Interim Provisions on supervision and administration of Major Hazard Sources of Hazardous Chemicals, Chemical safety technical specification_ Content and project sequence etc