



DOLPHIN FIX & SEAL SILICONE SEALANT

Prepared on : 08-02-2015 Product Name : **DOLPHIN FIX & SEAL MS Sealant**
Revision : 00 Product Code : **MS Sealant**
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1. Material Name and Company data

Material Name / Product Name : **DOLPHIN FIX & SEAL MS SILICONE SEALANT**
Company Name : **Al Muqarram Insulation Material Industry L.L.C.**
Address : 15th Industrial Area,
Post Box No. 24756
Sharjah, United Arab Emirates
Phone Number : +971 (6) 5353796
Fax No. : +971 (6) 5353964
E-mail ID : info@muqarram.com

2. Chemical Composition data.

Single – component or mixed component : Single component product in single pack

(a) Single component

Chemical Name : MS Silicone Sealant
Generic Name : Silicone elastomer

(b) Ingredients of mixed component

CAS No.	%W	CHEMICAL NAME
156327-07-0	40 - 60	Silicone polymer
25322-69-4	0 - < 20	Polypropylene glycol



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3. Characteristics of hazardous components

Most hazardous property : Not hazardous
Hazardous property : Not hazardous
Environment impact : Not significant
Physical and chemical hazard : Nil
Peculiar hazardous property : Nil
Major Signs of hazard : Dizziness
Outline of predicted emergency situation : Flammability & spillage

4. Emergency measures acute effects

In case of inhalation : Remove the affected person from contaminated area. Keep at rest till recovered. If symptoms persist seek medical attention.
In case of contact with skin : Remove the sealant from the skin and immediately wash with water for 15 minutes. Seek for medical attention if irritation persists.
In case of entry into eye : Hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminant are washed out completely. If symptoms develop and persist seek medical attention.
In case of swallow : Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
First Aid Facilities : Eyewash and normal washroom facilities.

5. Anti – fire precautions

Effective extinguishing media : Use carbon dioxide, water spray, foam or dry chemical;
Hazardous Combustion Products : Carbon oxide traces is incompletely burned carbon compounds, Metal Oxides, Silicone Dioxide, Formaldehyde, Nitrogen oxides, Chlorine compounds, Sulfur oxides.
Precautions in connection with Fire : Fire fighters should wear self-contained Breathing Apparatus (SCBA) operated in positive pressure mode ad full protective clothing to prevent exposure to vapors or fumes. Water spray maybe used to cool down heat-exposed containers.



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6. Handling and Storage

Precaution for Safe Handling

Use only in a well-ventilated area. Keep sealed when not in use. Prevent the buildup of mists or vapor in the work atmosphere. Avoid inhalation of vapor mists and skin or eye contact. Maintain high standards of personal hygiene.

Conditions for Safe Storage

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labeled containers. Keep sealed when not in use. Prevent exposing to moisture and air for it will cure. Ensure that storage conditions comply with applicable local and national regulations.

7. Preventive and protective measures against exposure to hazardous chemicals

Values Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapors or mists are generated, particularly in enclosed areas and natural ventilation is inadequate, a local exhaust ventilation system is required.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapor filter should be used.

Eye Protection

Safety glasses with sides' shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances.

Body Protection

Suitable protective work wear.



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8. Physical and chemical properties

Physical conditions Appearance : Non – sag paste
Smell : Neutral odor
Color : Black, Clear and White
Density : 1.40 ± 0.02 (Clear 1.05 ± 0.02)
Shelf life : 18 months at ambient condition

9. Stability and reactive

Stability : Stable under normal condition of storage and handling.
Condition to avoid : Heat, moisture and exposure to air. Exposure to moisture (or air) will cause product to cure and emit methanol vapor.
Incompatible Materials : Strong oxidizing agents.
Hazardous Decomposition : Thermal decomposition may result in the release of toxic and/or irritating product fumes including oxides of nitrogen, silicon dioxide, carbon monoxide and carbon dioxide.
Hazardous Polymerization : Will not occur.

10. Hazardous property – related information

Toxicology : No toxicity data available for this product.
Inhalation : Inhalation of product vapors may cause irritation of the nose, throat and respiratory system and drowsiness.
Ingestion : Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin : May be irritating to skin. The symptoms may include redness, itching and swelling. May cause sensitization in skin contact. Repeated exposure may cause skin dryness and cracking.
Eye : May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects : Not available.

