



DOLPHIN FIRE STOP SILICONE SEALANT

Prepared on : 08-02-2015
Revision : 00
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Product Name : **Dolphin Fire Stop Silicone Sealant**
Product Code : **Fire Rated Silicone Sealant**

1. Material Name and Company data.

Material Name / Product Name : **DOLPHIN FIRE STOP SILICONE SEALANT**
Company Name : **Al Muqarram Insulation Material Industry L.L.C.**
Address : 15th Industrial Area,
Post Box No. 24756
Sharjah, United Arab Emirates
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E-mail ID : info@muqarram.com

2. Chemical Composition data.

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

Generic Name : Fire rated sealant – Silicone Sealant

Ingredients of mixed component:

Polydimethylsiloxanes, amorphous silica, fillers, additive & cross linker. Substances presenting a health hazard within the meaning of the CHIP regulations or which are assigned.

Chemical Property : Ambient curing type sealant
Hazardous components : Nil
Hazardous components : Nil

3. Characteristics of possible hazardous components

Hazardous property : Slightly irritating to eyes, respiratory system and skin.
According to EC criteria, the product is not classified as hazardous preparation.
Environmental Impact : Not known, may cause earth pollution being a none bio-degradable product.



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4. Emergency measures

In General : In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

In case of inhalation rest. : Remove the patient to fresh air, keep patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

In case of contact with skin with : Remove contaminated clothes. Wash the skin thoroughly with soap and water or a recognized skin cleaner. **DONOT USE SOLVENT OR THINNERS.**

In case of entry into eye : Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding the eyelids apart, and seek medical advice.

In case of swallow : If accidentally swallowed wash out the mouth with water and obtain immediate medical attention. **DO NOT** induce vomiting. Keep at rest.

5. Anti – fire precautions

Effective extinguishing media : Alcohol resistant foam, CO₂, powder, water spray/mist.

Prohibited extinguish media : unknown

6. Safety precautions about leaking of chemicals

Harmful effect to human body : Avoid inhalation of vapors and contact with skin and eyes.

Harmful effect to environment : Avoid release to the environment.

Removal method : Absorb the spillage with suitable inert material. Sweep or shovel up spillage and place in a suitable container for disposal in accordance with waste regulations. Do not allow to enter the drains or water courses. If the product enters drains or sewer, the local water company should be contacted immediately.

Prevention of second disaster : absorbed waste maybe disposed as per local government regulations.

Made in U.A.E

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7. Cautions in handling and storage

Technical Measure

Store material in original container/cartridge; keep containers/ cartridges tightly close when not in use.

Caution in handling

Avoid contact with skin and eyes. Smoking eating and drinking should be prohibited in areas of storage and use. Keep containers closed when not in use. Ensure good housekeeping and regular safe removal of waste materials. THE MANUAL HANDLING OPERATION REGULATIONS may apply to the handling of containers/packages of this product.

Storage

Proper storage condition : Store the materials between 5°C and 25 °C in a dry well-ventilated place.
Safe container and packaging : Keep away from sources of ignition and direct sunlight. Store separately from oxidizing agent and strongly alkaline and strongly acidic materials. Keep in original packing of plastic cartridges/ plastic drums. Keep out of reach of children.

8. Preventive and protective measures against exposure to hazardous chemicals

Respiratory system protector during : Use appropriate respirator. Provide adequate ventilation application and drying. Where practicable this should be achieved by the use of local exhaust ventilation. If this is not sufficient to maintain the concentration of solvent vapors below relevant Occupational Exposure Limit.
Hand protector : Wear appropriate gloves while handling this material
Eye protector : Wear safety goggles with side shields
Skin and body protector : Wear full body aprons



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9. Physical and chemical properties

Physical conditions Appearance : Self leveling paste
Smell : Slight
Solubility in water : Immiscible
Density : 1.20 ± 0.02
Shelf life : 12 months

10. Stability and reactive

Stable under recommended storage and handling condition. In a fire, hazardous decomposition products such as smoke, carbon dioxide and carbon monoxide may be produced. Keep away from oxidizing agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction.

11. Toxicological information

Not classified as harmful if swallowed. (By calculation) the product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short and long term exposure by oral, inhalation and dermal routes of exposure and eye contact.

12. Environmental impact – related information

There is no data available on the preparation itself. According to data on the components, it is considered to be: None Biodegradable, no potentially Bio accumulable and not have any known adverse effects on aquatic organism tested. It is not classified as “Dangerous for Environment”. Do not allow to enter drains and or water courses or be deposited where it can affect ground or surface waters. The product is insoluble in water.

13. Cautions in disposal

Do not allow to enter drains or watercourses. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the “Control of Pollution Act” and the “Environmental Protection Act”. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply. Dispose of spent cartridges in accordance with local regulations.



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14. Cautions in transportation

Transport within the users' premises : Always transport in closed containers that upright and secure. Ensure that persons transporting the product known what to do in the event of an accident or spillage.

Rail : Unrestricted
Air : Unrestricted
Road : Unrestricted
Sea : Unrestricted

Safety transportation measures conditions
Transportation temperature : Ambient temperature preferably between 5°C and 25 °C.

15. Applicable laws

No data available

16. Other Information

Please consult product data sheets and application information bulletin for this product.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precaution. It does not represent a guarantee of the properties of product.