



**DOLPHIN 525 WEATHER SEALANT**

Prepared on : 08-02-2015  
Revision : 00  
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Product Name : **Dolphin 525 Weather Sealant**  
Product Code : **AMI 525 WS**

**1. Material Name and Company data**

Material Name / Product Name : **DOLPHIN 525 WEATHER SEALANT**  
Company Name : **Al Muqarram Insulation Material Industry L.L.C.**  
Address : 15<sup>th</sup> 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](mailto:info@muqarram.com)

**2. Chemical Composition data.**

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

**(a) Single component**

Chemical Name : Silicone Sealant  
Generic Name : Silicone elastomer

**(b) Ingredients of mixed component**

CAS No.	%W	CHEMICAL NAME
156327-07-0	40 - 60	Silicone polymer
22984-54-9	01 – 05	MethylTri (Methylketoxime) Sealant
68583-49-3	02 – 05	Treated Fumed Silica
471-34-1	20 – 28	Filler
63148-62-9	10 – 20	Plasticizer
Proprietary compound	01 – 02	Catalyst

Chemical Property : Moisture curing type sealant  
Hazardous components : Oxime Silane



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**3. Characteristics of hazardous components**

Most hazardous property : Inhalation  
Hazardous property : Inhalation  
Environment impact : Not significant  
Physical and chemical hazard : Nil  
Peculiar hazardous property : Nil  
Major Signs of hazard : Dizziness  
Classified name : Not known  
(based on the Japanese style)  
Outline of predicted emergency situation : Flammability & spillage

**4. Emergency measures acute effects**

In case of inhalation : Over exposure to vapor may cause drowsiness.  
Move the victim in fresh air.  
In case of contact with skin : Wash with soap and water  
In case of entry into eye : Wash with plenty of water. Seek medical attention  
In case of swallow : Do not induce vomiting. Give the victim 250 – 300 ml of  
water to dilute the material in the stomach. If vomiting  
occurs  
naturally, lean forward to reduce the risk of aspiration.  
Repeat  
the administration of water, obtain medical attention  
immediately.

**5. Anti – fire precautions**

Effective extinguishing media : CO<sub>2</sub> foam and dry chemical powder.  
Prohibited extinguish media : Nil



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### 6. Safety precautions

Harmful effect to human body	: Skin sensitive
Harmful effect to environment	: Earth pollution due to the non-biodegrading property of the polymer.
Removal method	: Absorb the spillage with suitable inert material. Sweep or shovel up spillage and remove to safe space, spillage cause slippery surface. Wash the floor with plenty of water.
Prevention of second disaster	: absorbed waste maybe disposed as per local government regulations.

### 7. Cautions in handling and storage

#### HANDLING

##### Technical Measure

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

##### Caution in handling

Keep away from direct sunlight, open flame and spark.

##### Important safety Instructions

Avoid contact with skin, eyes and clothing. Usage of impermeable gloves, goggles and protective clothing's are recommended.

#### STORAGE

##### Proper storage condition

Store the materials in tightly closed original containers/cartridges keep away from direct flame and sunlight.

##### Safe container and packaging

Keep in original packing of plastic cartridges/ plastic drums



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**8. Preventive and protective measures against exposure to hazardous chemicals**

Respiratory system protector : Use appropriate respirator  
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

**9. Physical and chemical properties**

Physical conditions Appearance : Non – sag paste  
Smell : Neutral odor  
Color : Black & White. RAL Colors are available upon request  
pH : 7-8  
Density : 1.35 ± 0.02  
Shelf life : 12 months at ambient condition

**10. Stability and reactive**

Stability : Stable under normal condition  
Reactive : Non-reactive at RT  
Prohibited condition : High temperature above 60°C  
Prohibited material : Date not available  
Hazardous decomposition product : Nil

**11. Hazardous property – related information**

Acute Toxicity : No data Available  
Local effect : No data Available  
Causing sensitivity : No data Available  
Chronic toxicity (long term toxicity) : No data Available  
Carcinogenicity : ACGIH : A4-Not classifiable as a human carcinogen  
Mutagenicity : No data available  
Teratogenicity : No data Available  
Reproductive toxicity : No data Available  
Others : No data Available



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**12. Environmental impact – related information**

Mobility : not mobile  
Bio accumulative property : After solvent evaporation, the left out product is solid and will not absorbed by the body.  
Eco toxicity : Not established  
Toxicity to fish : Not established  
Others : Not established

**13. Cautions in disposal**

As per the local government regulations

**14. Cautions in transportation**

Rail : Unrestricted  
Air : Unrestricted  
Road : Unrestricted  
Sea : Unrestricted  
Safety transportation measures a condition  
Transportation temperature : Ambient temperature preferably less than 35°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.