

## MATERIAL SAFETY DATA SHEET

### DOLPHIN Fire-Stop Acrylic Sealant

Revision Date: 9<sup>th</sup> Mar, 2021

Revision No. 2

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product Details

Product Name : DOLPHIN Fire-Stop Acrylic Sealant  
Product Code : AMI Fire-Stop Acrylic Sealant  
Recommended Use : Fire-Stop Sealant

##### Company Details

Company Name : Al Muqarram Insulation Materials Industry L.L.C.  
Address : Industrial Area # 15, Post Box No. 24756  
Sharjah, United Arab Emirates

Phone Number : +971 (6) 5353796  
Fax No. : +971 (6) 5353964  
E-mail ID : info@muqarram.com, sales@muqarram.com  
Website : [www.muqarram.com](http://www.muqarram.com)

Emergency Telephone Number: 00971-549981925

#### 2. HAZARDS IDENTIFICATION

Emergency Overview : May cause skin, eye, and respiratory tract irritation.  
Hazard Classification : Non-hazardous substance or mixture. Non-dangerous goods.

##### Precautionary Statements:

**Prevention** : Avoid contact with skin and eyes. Avoid breathing vapors.  
Use personal protective equipment as required.  
**Response** : IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF ON SKIN: Wash with plenty of soap and water.  
**Disposal** : Dispose contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
1317-65-3	30 – 40	Calcium Carbonate
25085-34-1	20 – 30	Acrylic Emulsion
117-81-7	4 – 8	Plasticizer
63625-56-9	1 – 5	Monopropylene glycol
21645-51-2	20 - 40	Aluminum trihydroxide

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	: Move the victim to fresh air. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	: Wash skin thoroughly with soap and water. Get medical advice/attention if skin irritation persists.
<b>Eye Contact</b>	: Wash immediately with plenty of running water. Get medical advice/attention if eye irritation persists.
<b>Ingestion</b>	: Do not induce vomiting. Rinse mouth. Give the victim 1-2 glasses of water. Get immediate medical attention.
<b>Note to Physician</b>	Treatment is symptomatic.

#### 5. FIRE FIGHTING MEASURES

<b>General Fire Hazards</b>	: Water-based product. No unusual fire hazards noted.
<b>Suitable Extinguishing Media</b>	: CO <sub>2</sub> foam and dry chemical powder. Use suitable fire extinguishing media for surrounding materials.
<b>Unsuitable Extinguishing Media</b>	: Do not use water jet as an extinguisher.
<b>Specific Hazards Arising from the Mixture</b>	: During fire, gases hazardous to health may be formed.
<b>Fire Fighting Procedures</b>	: Self-contained breathing apparatus should be worn with full face mask and protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	: Avoid contact with skin and eyes. Ensure adequate ventilation.
<b>Environment precautions</b>	: Do not let product to enter water sources, sewers and drains. Notify authorities in the event of major spillages in accordance to local regulations.
<b>Containment and Clean Up Procedures</b>	: Wipe, scrape or absorb the spillage with suitable inert material. Avoid contact with skin or inhalation of spillage or vapor. Remove to safe space as spillage of uncured product may cause slippery surface. Wash the floor with plenty of water. Do not empty into drains. Transfer to a closed container for disposal. Wear protective equipment as specified in Section 8.
<b>Prevention of Second Disaster</b>	: Absorbed waste maybe disposed as per local government regulations.

#### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	: Use only with adequate ventilation. Product releases acetic acid during application and curing. Avoid skin and eye contact. Remove contact lenses before applying sealant. Do not handle lenses until fingers and hands are completely free from sealant. Keep containers/cartridges tightly closed when not in use. Keep out of reach of children. See Section 8 for Personal Protective Equipment.
<b>Proper Storage Condition</b>	: Store the materials in tightly closed in the original packaging and stored in a dry, well-ventilated area at a stable room temperature of 25°C. Keep away from exposure to direct sunlight, dust, moisture, corrosive and solvent fumes and vapors.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	: Proper ventilation is recommended for controlling exposures. Local exhaust is preferred.
<b>Respiratory Protection</b>	: Use appropriate respirator unless local exhaust ventilation is sufficient.
<b>Hand Protection</b>	: Wear impermeable chemical protective gloves while handling this material.
<b>Eye Protection</b>	: If risk of splashing, wear safety goggles with side shields.
<b>Other Protective Equipment</b>	: Wear suitable protective clothing such as aprons against splashing and contamination.
<b>Work/Hygienic Practices</b>	: When using, do not eat, drink or smoke. Wash at the end of each work shift and before eating. Wash hands thoroughly after handling. Contaminated shoes and clothing should be removed after handling and washed thoroughly before reuse.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

**Form** : Non-sag paste  
**Color** : White, Grey, etc.,

**Properties**

**Odor** : Acrylic odor  
**pH** : Not determined  
**Specific Gravity @ 25°C** : 1.65 ± 0.02  
**Boiling Point (°C)** : Not determined  
**Melting Point** : Not determined  
**Evaporation Rate** : Not established  
**Flash Point** : Not established  
**Solubility in Water @ 25°C** : Soluble in water  
**Shelf Life** : 24 months at ambient temperature

**10. STABILITY AND REACTIVITY**

**Stability** : Stable under normal temperature conditions.  
**Reactivity** : No data available.  
**Prohibited Condition** : Store away from strong oxidizers  
**Incompatible Materials** : Avoid contact with strong oxidizing agents (e.g. nitric acid, peroxides and chromates).  
 Strong acids.  
**Hazardous Thermal Decomposition Product** : Thermal decomposition of this product during fire or extremely high temperature may liberate carbon dioxides and other toxic gases or vapors.

**11. TOXICOLOGICAL INFORMATION**

**Possible Health Effects**

**Acute**

**Skin** : May cause mild irritation.  
**Eye** : Direct contact may cause mild irritation.  
**Inhalation** : May cause mild irritation to respiratory passages.  
**Ingestion** : Not an anticipated route of exposure at normal use.

**Chronic**

**Skin** : No data available.  
**Eye** : No data available.  
**Inhalation** : No data available.  
**Ingestion** : No data available.

**12. ECOLOGICAL INFORMATION**

**Mobility** : Cured material are not mobile  
**Bioaccumulative Property** : Does not bioaccumulate.  
**Ecotoxicity** : No adverse effects on aquatic organisms are predicted. Do not empty into drains and water sources.

**13. DISPOSAL CONSIDERATIONS**

**Product Disposal** : Dispose waste at an appropriate treatment and disposal facility in accordance to local and national regulations.  
**Disposal of Un-cleaned Packages** : After use, tubes and bottles containing residue of product should be disposed of as chemically contaminated waste according to local and national regulations.

**14. TRANSPORT INFORMATION**

<b>UN Number</b>	: Not applicable.
<b>IATA Classification</b>	: Not regulated.
<b>IMDG Classification</b>	: Not regulated.
<b>Special Precautions Re Carriage</b>	: None.
<b>Packing Group</b>	: Not applicable.
<b>Class</b>	: Not applicable.
<b>Proper Shipping Name</b>	: Not applicable.

### 15. REGULATORY INFORMATION

<b>Risk Phrases</b>	: Not Classified
<b>Safety Phrases</b>	: Wear suitable protective clothing, gloves and eye/face protection.
<b>Chemical Safety Assessment</b>	: A chemical safety assessment has not been carried out.

### 16. OTHER INFORMATION

<b>General Information</b>	: This product should be used as directed. For further information, please consult product data sheets and application information bulletin for this product.
<b>Further Information</b>	: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate health and safety precaution, and hazard information. It does not represent a guarantee of the properties of product.
<b>Revision Comments</b>	: This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is correct.