

## MATERIAL SAFETY DATA SHEET

### DOLPHIN 30-36 AF

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

Revision No. 2

Number of Pages: 3

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product Details

Product Name : DOLPHIN 30-36 AF  
Product Code : AMI 30-36 AF  
Recommended Use : Antifungal HVAC Canvas Coating

##### 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

Information pertaining to particular dangers for man and environment : Safe water based product.  
: Avoid contact with skin or eyes.  
: Harmful if inhaled or swallowed.  
: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting.  
: This material is non-corrosive to all body tissues.  
: Ingestion causes nausea, vomiting, and loss of consciousness.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
7732-18-5	10 – 40	Water
471-34-1	15 – 50	Calcium Carbonate
14808-60-7	05 – 15	Crystalline Silica
13463-67-7	02 – 10	Titanium Dioxide

#### 4. FIRST AID MEASURES

Inhalation : Move victim to fresh air and if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.  
Skin Contact : Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.  
Eye Contact : Flush eyes with water for 15 minutes. Get medical attention  
Ingestion : Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.  
Note to Physician : Treatment is symptomatic.

#### 5. FIRE FIGHTING MEASURES

<b>Media suitable for Extinguishing</b>	: Use Dry powder, Carbon Dioxide (CO2), water fog or spray
<b>Special exposure hazards arising from the substance or preparation itself, its combustion product, or released gases</b>	: In the event of fire the following can be released: Smoke, irritating vapor, Carbon Monoxide (CO) and Carbon Dioxide (CO2).
<b>Special protective equipment for firefighters</b>	: Wear self-contained breathing apparatus and protective suit.
<b>Further information</b>	: In the event of fire, Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	: Ensure adequate ventilation. If TLV is exceeded wear NIOSH approved respirator. Use heavy rubber type gloves, full-face shield and boots, aprons. Drench showers and Eye wash as needed for protection against spills and/or splashes.
<b>Environment precautions</b>	: Do not discharge into drains / surface water / groundwater.
<b>Methods for cleaning up</b>	: Soak up with inert absorbent material (e.g. sand, sawdust). Collect spilled materials in suitable containers and dispose of according to Section 13

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	: Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section 4. Launder contaminated clothing before reuse.
<b>Proper Storage Condition</b>	: Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure controls</b>	: Avoid contact with skin and eyes. Do not breathe vapors. Avoid repeated exposure. Wear suitable protective equipment. Hold eye wash fountain available. Hold emergency shower available. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work.
<b>Engineering Controls</b>	: At work do not eat, drink, smoke or take drugs. Keep away from food, drink and animal feeding stuffs. Keep and wash working clothes separately. 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>	: Rubber type gloves.
<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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
<b>Form</b>	: Paste
<b>Color</b>	: White
<b>Properties</b>	
<b>Odor</b>	: Mild
<b>Specific Gravity @ 25°C</b>	: 1.38 – 1.46
<b>Viscosity</b>	: 30000 - 50000 cPs (Spindle 6, rpm-20, 25°C)
<b>Solid (%)</b>	: 60 – 64
<b>Boiling Point (°C)</b>	: Not established
<b>Melting Point</b>	: Not established
<b>Evaporation Rate</b>	: Not established
<b>Flash Point</b>	: Not established
<b>Auto Ignition Temperature</b>	: Not established

**Vapor Pressure** : Not established  
**Vapor Density** : Not established

### 10. STABILITY AND REACTIVITY

**Stability** : Stable under normal temperature conditions.  
**Material to avoid** : High Temperatures  
**Hazardous decomposition products** : Upon combustion, Smoke, Irritating vapor, Carbon Monoxide and Carbon Dioxide are formed

### 11. TOXICOLOGICAL INFORMATION

**CHEMICAL NAME** : LD<sub>50</sub>/LC<sub>50</sub>  
 Calcium Carbonate, (rat) : Acute oral toxicity (LD<sub>50</sub>) : 6450 mg/kg

### 12. ECOLOGICAL INFORMATION

**Eco-toxicity** : No data available.  
**Mobility** : No data available.  
**Persistence / Degradability** : No data available.  
**Bio-accumulative potential** : No data available.  
**Other adverse effects** : No data available.

### 13. DISPOSAL CONSIDERATIONS

**Product (Recommendation)** : The product is not classified as a hazardous waste. The product can be coagulated and separated from the aqueous phase for landfill or incineration.  
**Used packaging (Recommendation)** : Wash empty packaging. They can be reuse after thorough and proper cleaning.  
**Cleaning agent (Recommendation)** : Water

### 14. TRANSPORT INFORMATION

**Proper Shipping Name** : Adhesive, Non corrosive liquid, alkaline, inorganic  
**DOT Emergency Guide No** : 154

### 15. REGULATORY INFORMATION

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

### 16. OTHER INFORMATION

**General Information** : This product should be used as directed. For further information, please consult product data sheets and application information bulletin for this product.  
**Further Information** : 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.  
**Revision Comments** : This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is correct.