

## MATERIAL SAFETY DATA SHEET

### DOLPHIN Floor Adhesive

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Revision No. 1

Number of Pages : 3

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product Details

Product Name : DOLPHIN Floor Adhesive  
Product Code : AMI Floor Adhesive  
Recommended Use : Floor Adhesive / Glue

##### 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

#### 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      |
|-----------|---------|--------------------|
| 8050-31-5 | 20 – 30 | Ester Resin        |
| 7732-18-5 | 10 – 40 | Water              |
| 471-34-1  | 20 – 60 | Calcium Carbonate  |
| 1336-21-6 | 10 - 15 | Ammonium Hydroxide |

#### 4. FIRST AID MEASURES

**Inhalation** : Move to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.  
**Skin Contact** : Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.  
**Eye Contact** : Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.  
**Ingestion** : Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.  
**Note to Physician** : Treatment is symptomatic.

## 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Media suitable for Extinguishing</b>   | : Use Dry powder, Carbon Dioxide (CO <sub>2</sub> ), 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:<br>Smoke, irritating vapor, Carbon Monoxide (CO) and Carbon Dioxide (CO <sub>2</sub> ) |
| <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>    | : Wear personal protective equipment; Ensure adequate ventilation.   |
| <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).<br>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.<br>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 |
| <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>                | : Latex 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

### Appearance

|              |         |
|--------------|---------|
| <b>Form</b>  | : Paste |
| <b>Color</b> | : Cream |

### Properties

|                                  |                              |
|----------------------------------|------------------------------|
| <b>Specific Gravity @ 25°C</b>   | : 0.90 – 1.30                |
| <b>Viscosity</b>                 | : 20000 - 40000 cPs (@ 25°C) |
| <b>Solid (%)</b>                 | : 70 – 75                    |
| <b>Boiling Point (°C)</b>        | : Not established            |
| <b>Melting Point</b>             | : Not established            |
| <b>Evaporation Rate</b>          | : Not established            |
| <b>Flash Point</b>               | : <10°C                      |
| <b>Auto Ignition Temperature</b> | : Not established            |
| <b>Vapor Pressure</b>            | : Not established            |
| <b>Vapor Density</b>             | : Not established            |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Stability</b>                        | : Stable under normal temperature conditions.                   |
| <b>Material to avoid</b>                | : Keep away from heat sources                                   |
| <b>Hazardous decomposition products</b> | : Upon combustion Carbon Monoxide and Carbon Dioxide are formed |

## 11. TOXICOLOGICAL INFORMATION

|                                 |   |
|---------------------------------|---|
| <b>Chemical name</b>            | : LD <sub>50</sub> /LC <sub>50</sub>                                    |
| <b>Ester Resin, (rat)</b>       | : LD <sub>50</sub> - >2000 mg/kg<br>LC <sub>50</sub> - 2500 mg/kg (90d) |
| <b>Calcium Carbonate, (rat)</b> | : Acute oral toxicity (LD <sub>50</sub> ) : 6450 mg/kg                  |

## 12. ECOLOGICAL INFORMATION

|                                    |                     |
|------------------------------------|---------------------|
| <b>Eco-toxicity</b>                | : No data available |
| <b>Mobility</b>                    | : No data available |
| <b>Persistence / Degradability</b> | : No data available |
| <b>Bio-accumulative potential</b>  | : No data available |
| <b>Other adverse effects</b>       | : No data available |

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

|                               |   |
|-------------------------------|---|
| <b>Proper Shipping Name</b>   | : Adhesive, Non corrosive liquid, alkaline, inorganic |
| <b>DOT Emergency Guide No</b> | : 154   |

## 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.  |