

**MATERIAL SAFETY DATA SHEET**

**DOLPHIN HVAC – CONTACT ADHEIVE**

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

Revision No. 2

Number of Pages : 4

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Details**

Product Name : DOLPHIN HVAC Contact Adhesive  
Product Code :  
Usage : Adhesive for HVAC Professional / DIY.

**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

**Emergency Telephone Number: 00971-549981925**

**2. HAZARDS IDENTIFICATION**

Information pertaining to particular hazards for human and environment : Extremely Flammable  
: Can cause eye irritation.  
: Can cause skin irritation.  
: Moderate Respiratory tract irritant.  
: Harmful if swallowed.  
: Inhalation of vapors may cause loss of feeling and weakness in the hands and feet and loss of manual dexterity. Inhalation of high concentrations may results in central nervous System effects such as dizziness, weakness, fatigue, nausea, headache, and lack of Coordination.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixtures**

**General chemical description:**

Rubber and solvent based Air drying adhesive.

CAS No.	%W	CHEMICAL NAME
9003-55-8	15 – 20	Synthetic Rubber
110-54-3	30 - 40	Solvent
64742-16-1	20 – 25	Hydro carbon Resin
112945-52-57631-86-9	10 - 15	Reinforced Filler

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	: Move to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.
<b>Skin Contact</b>	: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
<b>Eye Contact</b>	: 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.
<b>Ingestion</b>	: 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.
<b>Note to Physician</b>	: Treatment is symptomatic.

#### 5. FIRE FIGHTING MEASURES

<b>Media suitable for Extinguishing</b>	: foam, dry powder chemical or carbon dioxide.
<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 (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, vapor is heavier than air and can travel to ignition source and flash back.

#### 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, saw dust). Collect spilled materials in suitable containers and dispose of according to Section 13

#### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	: Avoid unnecessary exposure. Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep container closed. Emptied container retains vapor and product residue. Observe precautions until container is cleaned. Drum of this material should be grounded when pouring. <b>Do not cut or weld on or near this container. Don't smoke or vaping during the application process.</b> Avoid contact with skin and eyes.
<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>	: 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 , nitrile 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

Form : Flowable liquid  
Color : Dark Brown

### Properties

Odor : Solvent odor  
Specific Gravity @ 25°C : 0.92 ± 0.03  
Viscosity : 800 ± 200 cPs (@ 25°C)  
Solid (%) : 46 ± 2  
Boiling Point (°C) : Not Applicable  
Melting Point : Not Applicable  
Evaporation Rate : Not established  
Flash Point : <10°C  
Auto Ignition Temperature : Not established

Vapor Pressure : Not established  
Vapor Density : Not established

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Chemical name : LD<sub>50</sub>/LC<sub>50</sub>  
Hexane, (rat) : Acute oral toxicity (LD50) : 25000 mg/kg  
Acute toxicity of the gas (LC50) : 48000 mg/kg (4hr)  
Ester Resin, (rat) : LD<sub>50</sub>- >2000 mg/kg  
LC<sub>50</sub>- 2500 mg/kg (90d)

## 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 : This product meets the definition of hazardous waste. It is ignitable waste class  
(Recommendation) D001. Disposal via incineration is recommended.  
Used packaging : Wash empty packaging.  
(Recommendation)  
Cleaning agent : Solvent  
(Recommendation)

**14. TRANSPORT INFORMATION**

**Dangerous Goods Class** : 3  
**Proper Shipping Name** : Adhesive, containing flammable liquid  
**Packing Group** : III  
**Hazchem Code** : 3 [Y]  
**EPG No.** : 3C1  
**UN No** : 1133

**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.