



WORLD-CLASS  
CHEMICALS

# MATERIAL SAFETY DATA SHEET

## DOLPHIN HVAC CONTACT ADHESIVE

Revision Date: 9<sup>th</sup> March 2021

Revision No. 02

Number of Pages: 04

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Details

Product Name : DOLPHIN HVAC CONTACT ADHESIVE  
Product Code :  
Recommended Use : Adhesive for HVAC/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  
Website : [www.muqarram.com](http://www.muqarram.com)

Emergency Telephone Number: 00971-549981925

### 2. HAZARDS IDENTIFICATION

#### Information pertaining to dangers for man 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 result in central nervous System effects such as dizziness, weakness, fatigue, nausea, headache, and lack of Coordination.

### 3. COMPOSITION/INFORMATION ON INGREDIENT

#### 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	Hydrocarbon 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, 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). 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. 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

<b>Appearance</b>	
<b>Form</b>	: Flowable Liquid
<b>Color</b>	: Dark Brown
<b>Properties</b>	
<b>Odor</b>	: Solvent odor
<b>Specific Gravity @ 25°C</b>	: 0.92 ± 0.03
<b>Viscosity</b>	: 800 ± 200 cPs (@ 25°C)
<b>Solid (%)</b>	: 46 ± 2
<b>Boiling Point (°C)</b>	: Not Applicable
<b>Melting Point</b>	: Not Applicable
<b>Evaporation Rate</b>	: Not Applicable
<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>Prohibited condition</b>	: Keep away from heat sources
<b>Hazardous decomposition Product</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>	: Acute oral toxicity (LD50): 25000 mg/kg Acute toxicity of the gas (LC50): 48000 mg/kg (4hr)
<b>Calcium Carbonate, (rat)</b>	: LD <sub>50</sub> - >2000 mg/kg LC <sub>50</sub> - 2500 mg/kg (90d)

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



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## 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 regarding 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.