



WORLD-CLASS  
CHEMICALS

المكرم لصناعة المواد العازلة ذ.م.م  
Al Muqarram Insulation Material Industry L.L.C.

# MATERIAL SAFETY DATA SHEET

## DOLPHIN UPVC ADHESIVE

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

Revision No. 02

Number of Pages: 05

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Details

Product Name : DOLPHIN UPVC ADHESIVE  
Product Code : AMI UPVC Adhesive  
Recommended Use : UPVC Pipe Adhesive

### 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

### Hazard Category

Form : Harmful  
Color : Irritant

### Risk Phrases

R20 : Harmful by inhalation  
R36 : Irritating to eyes  
R66 : Repeated exposure may cause skin dryness or cracking  
R67 : Vapors may cause drowsiness and dizziness

### Hazard Statements

H225 : Highly flammable liquid and vapor  
H319 : Causes serious eye irritation  
H332 : Harmful if inhaled

### Safety Phrases

S23 : Do not breathe vapor  
S24/25 : Avoid contact with skin and eyes  
S36/37/39 : Wear suitable protective clothing, gloves, and eye/face protection  
S38 : In case of insufficient ventilation, wear suitable respiratory equipment

### HSNO Hazard Classification

3.1B : Flammable liquid  
6.1D : Substances that are acutely toxic  
6.4A : Substances that are irritating to the eye

### Prevention Statement

P102 : Keep out of reach of children  
P103 : Read label before use  
P210 : Keep away from all sources of ignition. No smoking.  
P233 : Keep container tightly closed  
P240 : Ground/bond container and receiving equipment

P242	: Use on non-sparking tools
P243	: Take precautionary measures against static discharge
P261	: Avoid breathing vapor.
P264	: Wash hands. Face and all exposed skin thoroughly after handling
P271	: Use only outdoors or in well-ventilated area
P280	: Wear protective clothing, gloves, eye/face protection and suitable respirator
Class	: 3 Flammable Liquid

### 3. COMPOSITION/INFORMATION ON INGREDIENT

CAS No.	%W	CHEMICAL NAME
67-64-1	10 – 30	Acetone
78-93-3	30 – 60	Methyl Ethyl Ketone (MEK)
108-94-1	10 – 30	Cyclohexane

### 4. FIRST AID MEASURES

<b>Inhalation</b>	: Over exposure to vapor may cause drowsiness. Move the victim in fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Keep at rest until fully recovered. If breathing difficulty occurs, ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped, apply artificial respiration at once. Seek immediate medical attention
<b>Skin Contact</b>	: Remove from the skin and immediately wash with water for 15 minutes. Seek for medical attention if irritation persists
<b>Eye Contact</b>	: Immediately wash with plenty of water. Seek medical attention. Vapors slightly uncomfortable.
<b>Ingestion</b>	: Rinse mouth with water. Do not induce vomiting if swallowed. Give the victim 250 – 300 ml of water to dilute the material in the stomach. If vomiting occurs naturally, lean forward to reduce the risk of aspiration. Repeat the administration of water, obtain medical attention immediately.
<b>Note to Physician</b>	: Treatment is symptomatic.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.
<b>Unsuitable extinguishing Media</b>	: Water spray or stream.
<b>Exposure hazards</b>	: Inhalation and dermal contact.
<b>Protection for firefighters</b>	: Self-contained breathing apparatus or full-face positive pressure airline mask.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	: Keep away from heat, sparks, and open flame. Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment, or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).
<b>Environment precautions</b>	: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
<b>Methods for cleaning up</b>	: Clean up with absorbent (clean rag, sand, sawdust, or paper towels). Allow absorbent to dry before disposing with normal household garbage. Prevent run off into drains and waterways.

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	: Avoid contact with skin and eye. Avoid inhalation of vapor. Keep away from ignition sources, use only electrically grounded handling equipment, and ensure adequate ventilation/fume exhaust hoods. Do not eat, drink, or smoke while handling. Avoid contact with skin and eyes.
<b>Proper Storage Condition</b>	: Store in a cool, dry, well-ventilated place and away from direct sunlight. Keep away from ignition sources and incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers tightly closed when not in use. Store at room temperature (25°C).
<b>Engineering Measures</b>	: Ensure adequate ventilation to maintain air concentrations below exposure standards. Use with local exhaust ventilation or while wearing appropriate respirator. Do not enter confined areas where vapor may have collected. Keep containers tightly closed when not in use.
<b>Personal Protective Equipment</b>	: Overalls, safety shoes, safety glasses, gloves. Wear overalls, safety glasses and impervious gloves. Use of nitrile rubber gloves should be suitable for intermittent contact. Always wash hands before smoking, eating, drinking, or using toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation exists, wear organic vapor/particulate respirator.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Measures</b>	: Ensure adequate ventilation to maintain air concentrations below exposure standards. Use with local exhaust ventilation or while wearing appropriate respirator. Do not enter confined areas where vapor may have collected. Keep containers tightly closed when not in use.
<b>Personal Protective Equipment</b>	: Overalls, safety shoes, safety glasses, gloves. Wear overalls, safety glasses and impervious gloves. Use of nitrile rubber gloves should be suitable for intermittent contact. Always wash hands before smoking, eating, drinking, or using toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation exists, wear organic vapor/particulate respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
Form	: Liquid
Color	: Clear
<b>Properties</b>	
Odor	: Solvent odor
Specific Gravity @ 25°C	: 0.94 ± 0.02
Solubility	: Insoluble in water
Relative Vapor Density (air=1)	: >1
Viscosity	: 1500 ± 500 @ 25°C
Flammability Limits	: LEL= 1.8; UEL= 11.5
Auto-ignition Temperature	: 515°C
Flash Point (°C)	: -4°C
Melting Point/Range (°C)	: Not established
Boiling Point/Range (°C)	: Not established
pH	: Not established

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	: Stable when stored and used as directed.
<b>Prohibited condition</b>	: Elevated temperatures, heat, sparks, open flames, and sources of ignition
<b>Incompatible material</b>	: Oxidizing agents, strong acids, and bases, amines, ammonia
<b>Hazardous decomposition</b>	: None in normal use. When forced to burn, this product gives off oxides of carbon, hydrogen chloride and smoke.
<b>Product</b>	
<b>Hazardous reactions</b>	: No known hazardous reactions.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

<b>Inhalation</b>	: Material may be irritant to mucous membranes and respiratory tract. Inhalation of vapor can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgment and if exposure is prolonged, unconsciousness.
<b>Skin Contact</b>	: Contact with skin will result in irritation.
<b>Eye Contact</b>	: May be an eye irritant.
<b>Ingestion</b>	: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
<b>Long Term Effects</b>	: No information available for product.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways

<b>Mobility</b>	: No data available
<b>Persistence / Degradability</b>	: No data available
<b>Ecotoxicity</b>	: No data available
<b>Other adverse effects</b>	: No data available

## 13. DISPOSAL CONSIDERATIONS

As per the local government regulations.

## 14. TRANSPORT INFORMATION

### Road & Rail Transport

<b>UN Number</b>	: 1133
<b>Dangerous Goods Class</b>	: 3
<b>Packing Group</b>	: II
<b>Hazchem Code</b>	: ●3YE
<b>Emergency Response Guide No</b>	: 14
<b>Proper Shipping Name</b>	: ADHESIVE containing flammable liquids
<b>Segregation Dangerous Goods</b>	: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidizing agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

<b>UN Number</b>	: 1133
<b>Dangerous Goods Class</b>	: 3
<b>Packing Group</b>	: II



WORLD-CLASS  
CHEMICALS

Proper Shipping Name : ADHESIVE containing flammable liquids

**Air Transport**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN Number : 1133

Dangerous Goods Class : 3

Packing Group : II

Proper Shipping Name : ADHESIVE containing flammable liquids

## 15. REGULATORY INFORMATION

Precautionary Label Information : Highly Flammable, Irritant, Carc. Cat. 2

Symbols : F, Xi

**Risk Phrases:**

R11 : Highly flammable.

R66 : Repeated exposure may cause skin dryness or cracking

R36/37 : Irritating to eyes and respiratory system.

R67 : Vapors may cause drowsiness and dizziness

**Safety Phrases:**

S2 : Keep out of the reach of children

S9 : Keep container in a well-ventilated place.

S16 : Keep away from sources of ignition - No smoking

S25 : Avoid contact with eyes.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S33 : Take precautionary measures against static discharges.

## 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.