



DOLPHIN PIR ADHESIVE

Last Revision Date : 16.01.2018
Revision No. : 01

Page No. : Page 1 of 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin PIR Adhesive
Product Code : AMI PIR Adhesive
Recommended Use : PIR Adhesive/Glue

Company Details

Company Name : Al Muqarram Insulation Materials Industry L.L.C.
Address : 15th Industrial Area,
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

2. HAZARDS IDENTIFICATION

Information pertaining to particular 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 results in central nervous system effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
8050-31-5	20 – 30	Ester Resin
110-54-3	40 – 60	Hexane
9006-04-06	10 – 15	Thermoplastic Rubber

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.



DOLPHIN PIR ADHESIVE

Last Revision Date : 16.01.2018
Revision No. : 01

Page No. : Page 2 of 4

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

Media suitable for extinguishing	: Foam, dry chemical or carbon dioxide.
Special exposure hazards arising from the substance or preparation itself, its combustion product, or released gases	: In the event of fire the following can be released: Smoke, irritating vapor, Carbon Monoxide (CO) and Carbon Dioxide (CO ₂).
Special protective equipment for firefighters	: Wear self-contained breathing apparatus and protective suit.
Further information	: In the event of fire, vapor are heavier than air and can travel to ignition source and flash back.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Wear personal protective equipment; Ensure adequate ventilation.
Environment precautions	: Do not discharge into drains / surface water / groundwater.
Methods for cleaning up	: 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

Precautions for Safe Handling	: Mildly irritating material. 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. Do not cut or weld on or near this container. Avoid contact with skin and eyes.
Proper Storage Condition	: 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

Occupational exposure controls	: 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.
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DOLPHIN PIR ADHESIVE

Last Revision Date : 16.01.2018
Revision No. : 01

Page No. : Page 3 of 4

Engineering Controls	: 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.
Respiratory Protection	: Use appropriate respirator unless local exhaust ventilation is sufficient.
Hand Protection	: Latex gloves.
Eye Protection	: If risk of splashing, wear safety goggles with side shields.
Other Protective Equipment	: Wear suitable protective clothing such as aprons against splashing and contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Liquid
Color : Pale Yellow

Properties

Odor : Solvent odor
Specific Gravity @ 25°C : 0.87 ± 0.05
Viscosity : 1000 ± 500 cPs (@25°C)
Solid (%) : 40-46
Boiling Point (°C) : Not determined
Melting Point : Not determined
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 Hexane, (rat)	LD ₅₀ /LC ₅₀ Acute oral toxicity (LD50) : 25000 mg/kg Acute toxicity of the gas (LC50) : 48000 mg/kg (4hr)
Ester Resin, (rat)	LD ₅₀ - >2000 mg/kg LC ₅₀ – 2500 mg/kg (90d)



DOLPHIN PIR ADHESIVE

Last Revision Date : 16.01.2018
Revision No. : 01

Page No. : Page 4 of 4

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

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.