



## DOLPHIN FIX & SEAL NAIL FREE

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Details

**Product Name** : DOLPHIN Fix & Seal Nail Free  
**Product Code** : AMI Nail Free  
**Recommended Use** : Construction Adhesive

#### Company Details

**Company Name** : Al Muqarram Insulation Materials Industry L.L.C.  
**Address** : 15<sup>th</sup> 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

#### Safety Phrase(s):

**S23** : Inhalation  
**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:

**3.1C** : Flammable liquids  
**6.3A** : Substances that are irritating to the skin  
**6.9** : Narcotic

#### Hazard Statement:

**H226** : Flammable liquid and vapor  
**H336** : May cause drowsiness or dizziness

#### Prevention Statement:

**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 only 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.  
**P280** : Wear protective clothing, gloves, eye/face protection and suitable respirator.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
64742-89-8	10 – 30	Solvent naptha (petroleum), light aliphatic
-	10 – 30	Mixture of hexane isomers (<5% n-Hexane)

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**4. FIRST AID MEASURES**

- Inhalation** : 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.
- Skin Contact** : Remove from the skin and immediately wash with water for 15 minutes. Seek for medical attention if irritation persists.
- Eye Contact** : Wash immediately with plenty of running water. Get medical advice/attention if eye irritation persists.
- Ingestion** : 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.
- Note to Physician** : Treatment is symptomatic.

**5. FIRE FIGHTING MEASURES**

- Specific Hazards** : This product is flammable liquid in uncured state. May form flammable vapor mixtures with air. Flame-resistant equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Vapor may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition must be eliminated both in and near the work area. Do NOT smoke.
- Firefighting Further Advice** : If safe, remove containers from fire path. Use water spray to keep containers cool. Fire fighters must wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.
- Hazchem Code** : ●3Y
- Suitable Extinguishing Media** : Use foam, dry agent (carbon dioxide, dry chemical powder).

**6. ACCIDENTAL RELEASE MEASURES**

- Small Spills** : Wear protective equipment to prevent contamination with skin and eye. Do not inhale vapors. Clean up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.
- Large Spills** : Shut off all possible ignition source. Slippery when spilled. Clean up immediately to avoid accidents. Wear protective equipment to prevent skin and eye contamination and inhalation of vapors. Increase ventilation. Prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free trowel. Collect and seal in properly labelled containers or drums for disposal. If contamination of waterways occurred, inform local emergency services.
- Dangerous Goods – Initial Emergency Response Guide No:** : 14



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### 7. HANDLING AND STORAGE

- Precautions for Safe Handling** : Use only with adequate ventilation. Avoid inhalation of vapor. Avoid skin and eye contact. Do not handle lenses until fingers and hands are completely free from sealant. Keep containers/cartridges tightly closed when not in use. Keep out of reach of children. See Section 8 for Personal Protective Equipment.
- Proper Storage Condition** : Store in a cool, dry, well-ventilated place and away from direct sunlight. Keep away from 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).

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls** : 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.
- Personal Protective Equipment** : 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

- Physical conditions Appearance** : Gunnable paste
- Smell** : Solvent odor
- Color** : Pale yellow
- Specific Gravity (20°C)** : 1.50
- Relative Vapor Density (air=1)** : Not determined
- Flammability Limits** : LEL – 1.1; UEL – 7.4 (values for hexane isomers)
- Autoignition Temperature (°C)** : >200 (values for hexane isomers)
- Melting Point/Range (°C)** : Not determined
- Boiling Point/Range (°C)** : 55-62 (values for hexane isomers)
- pH** : Not determined
- TVOC** : Not determined

### 10. STABILITY AND REACTIVITY

- Chemical Stability** : This material is thermally stable when stored and used as directed.
- Prohibited condition** : Elevated temperatures and sources of ignition
- Incompatible material** : Oxidizing agents.
- Hazardous decomposition product** : Oxides of carbon and nitrogen, smoke and other toxic fumes.
- Hazardous reactions** : No known hazardous reactions.



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### 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>Skin</b>       | : Contact with skin may result in irritation.  |
| <b>Eye</b>        | : May be an eye irritant.  |
| <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>Ingestion</b>  | : Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.  |

#### **Long Term Effects:**

- : No information available for product.  
Acute Toxicity / Chronic Toxicity: No LD50 data available for the product.

### 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

- |                                      |                            |
|--------------------------------------|----------------------------|
| <b>Mobility</b>                      | : No information available |
| <b>Ecotoxicity</b>                   | : No information available |
| <b>Persistence and degradability</b> | : No information available |

### 13. DISPOSAL CONSIDERATIONS

- |                                       |  |
|---------------------------------------|--|
| <b>Product Disposal</b>               | : Dispose waste at an appropriate treatment and disposal facility in accordance to local and national regulations.   |
| <b>Disposal of Uncleaned Packages</b> | : After use, tubes and bottles containing residue of product should be disposed of as chemically contaminated waste according to local and national regulations. |

### 14. TRANSPORT INFORMATION

#### **Road and Rail Transport**

- |                                    |   |
|------------------------------------|---|
| <b>UN Number</b>                   | : 1133  |
| <b>Dangerous Goods Class</b>       | : 3   |
| <b>Packing Group</b>               | : III   |
| <b>Hazchem Code</b>                | : ●3Y   |
| <b>Emergency Response Guide</b>    | : 14  |
| <b>No</b>                          |   |
| <b>Proper Shipping Name</b>        | : ADHESIVES   |
| <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. |



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### Marine Transport

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

**UN Number** : 1133  
**Dangerous Goods Class** : 3  
**Packing Group** : III  
**Proper Shipping Name** : ADHESIVES

### 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** : III  
**Proper Shipping Name** : ADHESIVES

## 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.