

MATERIAL SAFETY DATA SHEET

DOLPHIN Fix & Seal Nail Free Assembly Adhesive

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Revision No. 2

Number of Pages : 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

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

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 Website : www.muqarram.com

Emergency Telephone Number: 00971-549981925

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 naphtha (petroleum), light aliphatic
-	10 – 30	Mixture of hexane isomers (<5% n-Hexane)

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

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

Appearance

Physical conditions	: Gunnable paste
Smell	: Solvent odor
Color	: Pale yellow
Specific Gravity @ 20°C	: 1.40
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 Materials	: Oxidizing agents.
Hazardous Thermal Decomposition Product	: Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	: 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

Skin	: Contact with skin may result in irritation.
Eye	: May be an eye irritant.
Inhalation	: 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.
Ingestion	: 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.	
Mobility	: No information available
Ecotoxicity	: No information available
Persistence and degradability	: No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal	: Dispose waste at an appropriate treatment and disposal facility in accordance to local and national regulations.
Disposal of Un-cleaned Packages	: 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

UN Number	: 1133
Dangerous Goods Class	: 3
Packing Group	: III
Hazchem Code	: ●3Y
Emergency Response Guide No.	: 14
Proper Shipping Name	: Adhesives.
Segregation Dangerous Goods	: 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.

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.