



DOLPHIN VB-95

Last Revision Date : 16.01.2018
Revision No. : 01

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : **Dolphin VB-95**
Product Code : AMI VB-95
Recommended Use : Vapour Barrier

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:

Safe water based product.

Avoid contact with skin or eyes.

Harmful if inhaled or swallowed.

Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting.

This material is non-corrosive to all body tissues.

Ingestion causes nausea, vomiting, and loss of consciousness.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
7732-18-5	10 – 40	Water
471-34-1	15 – 50	Calcium Carbonate
14808-60-7	05 – 15	Crystalline Silica
13463-67-7	02 – 10	Titanium Dioxide

4. FIRST AID MEASURES

Inhalation : Move victim to fresh air and if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

Skin Contact : Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.

Eye Contact : Flush eyes with water for 15 minutes. Get medical attention

Ingestion : Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

Note to Physician : Treatment is symptomatic.



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5. FIRE FIGHTING MEASURES

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| Media suitable for extinguishing | : | Use Dry powder, Carbon Dioxide (CO ₂), water fog or spray |
| 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, Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side. |

6. ACCIDENTAL RELEASE MEASURES

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|--------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions | : | Ensure adequate ventilation. If TLV is exceeded wear NIOSH approved respirator. Use heavy rubber type gloves, full-face shield and boots, aprons. Drench showers and Eye wash as needed for protection against spills and/or splashes. |
| 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

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|--------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for Safe Handling | : | 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. |
| 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

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|---------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| 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 | : | Rubber type gloves. |
| Eye Protection | : | If risk of splashing, wear safety goggles with side shields. |



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Other Protective Equipment : Wear suitable protective clothing such as aprons against splashing and contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Paste
Color : White

Properties

Odor : Mild
Specific Gravity @ 25°C : 1.28 – 1.36
Viscosity : 30000 - 50000 cPs (@ 25°C)
Solid (%) : 60 – 64
Boiling Point (°C) : Not established
Melting Point : Not established
Evaporation Rate : Not established
Flash Point : Not established
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 : High Temperatures
Hazardous decomposition products : Upon combustion, Smoke, Irritating vapor, Carbon Monoxide and Carbon Dioxide are formed

11. TOXICOLOGICAL INFORMATION

CHEMICAL NAME : LD₅₀/LC₅₀
Calcium Carbonate, (rat) : Acute oral toxicity (LD₅₀) : 6450 mg/kg

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) : The product is not classified as a hazardous waste. The product can be coagulated and separated from the aqueous phase for landfill or incineration.



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Used packaging (Recommendation)	: Wash empty packaging. They can be reuse after thorough and proper cleaning.
Cleaning agent (Recommendation)	: Water

14. TRANSPORT INFORMATION

Proper Shipping Name	: Adhesive, Non corrosive liquid, alkaline, inorganic
DOT Emergency Guide No	: 154

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.