

MATERIAL SAFETY DATA SHEET

DOLPHIN BITU – COAT WATERPROOF

Revision Date: 9th Mar, 2021

Revision No. 2

Number of Pages: 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : DOLPHIN Bitu - Coat Waterproof
Product Code : AMI Bitu - Coat Waterproof
Recommended Use : Waterproofing

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

Hazard classification : Hazardous according to criteria of NOHSC
Risk phrase(s) : R 33 - Danger of cumulative effects.*
R 52 - Harmful to aquatic organisms.
* (limited evidence)
Safety phrase(s) : S 23 - Do not breathe gas/fumes/vapour/spray.
S 24 - Avoid contact with skin.
S 26 - In case of contact with eyes, rinse with plenty of water and contact doctor or Poisons Information Centre.
S 35 - This material and its container must be disposed of in a safe way.
S 39 - Wear eye/face protection.
S 40 - To clean the floor and all objects contaminated by this material, use water.
S 57 - Use appropriate container to avoid environment contamination.
S 61 - Avoid release to the environment. Refer to special instructions/Safety data sheets

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	%W	CHEMICAL NAME
7732-18-5	40	Water
1302 – 78 -9	10	Clay filler
1310-73-2	10	Sodium Hydroxide
64742-93-4	40	Bituminous Primer.

Non-hazardous ingredients to 100%

4. FIRST AID MEASURES

Inhalation	: Remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital or doctor.
Skin Contact	: Immediately remove all contaminated clothing, including footwear. Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
Eye Contact	: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Ingestion	: Immediately give a glass of water. First aid is generally not required. If in doubt seek medical advice.
Note to Physician	: Treatment is symptomatic.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	: There is no restriction on type of extinguisher used. Use extinguishing media suitable for surrounding area.
Hazards from combustion Products	: Decomposes on heating and may produce toxic fumes of carbon monoxide. May emit acid smoke.
Precautions and equipment for fire fighters	: Wear self-contained breathing apparatus and full protective gear.
Hazchem Code	: None allocated

6. ACCIDENTAL RELEASE MEASURES

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

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.
Conditions for Safe Storage	
Location	: Store in a cool, dry, well-ventilated area.
Temperature conditions	: 5 to 35°C.
Protection from weather	: Do not allow to freeze.
Storage incompatibilities	: Strong oxidizing agents, acids and alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure standards	: Not available for Barracrly Elastic
Engineering controls	: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Respirator type (AS/NZS 1716)	: Type P1 if sprayed or ventilation is inadequate.
Glove type (AS2161)	: Nitrile rubber or PVC gauntlets
Eye protection	: Chemical worker's goggles.
Clothing	: Overalls
Other	: Use barrier creams to protect skin from contact with the material. Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Smooth, thick paste
Color : Dark Brown - Black

Properties

Odor : Mild ammoniacal odor.
Specific Gravity @ 25°C : 1.10 + 0.15
Melting Point (°C) : Not established
Vapour pressure @25°C (kPa) : Not established
Solubility in water at 20°C : Miscible
Flash Point (°C) : Not established
Flammability limits : UEL - Not Applicable
LEL - Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability : Stable under normal storage and application temperatures.
Hazardous Polymerization : Product will not undergo polymerization.
Stability : Stable. Monoxide and Carbon Dioxide are formed

11. TOXICOLOGICAL INFORMATION

Acute

Eye contact : The liquid is discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/or other transient eye damage/ulceration. The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

Skin contact : The material is mildly discomforting to the skin and is capable of causing skin reactions, which may lead to dermatitis from repeated exposures over long periods. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

Inhalation : Not normally a hazard due to non-volatile nature of product. Inhalation of vapor is more likely at higher than normal temperatures. The mist is discomforting to the upper respiratory tract.

Ingestion : Considered an unlikely route of entry in commercial/industrial environments. The material is discomforting to the gastro-intestinal tract if swallowed.

Chronic: : Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

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.
Ecology : Do not discharge into sewers.

13. DISPOSAL CONSIDERATIONS

State/Territory Authority : Observe all Federal, State and Local regulations
Dispose – Secure Landfill : Yes
Dispose – High Temp. Incinerator : No
Wash empty packaging. They can be reuse after thorough and proper cleaning.

14. TRANSPORT INFORMATION

UN Number : None allocated
Dangerous Goods Class : None allocated
Subsidiary Risk : None allocated
EPG Card : None allocated
Shipping Name : None allocated
Packing Group : None allocated
 Not classified as a dangerous good by the criteria of the ADG code.
 Not subject to CPL/ADR restrictions.

15. REGULATORY INFORMATION

Risk Phrases : Not Classified
Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection.

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.