

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015 Product Name : **Dolphin Bituminous Waterproofing**
 Revision : 00 Product Code : **Dolphin Bituminous Waterproofing**
 Page : 1

1. Material Name and Company Data

Material Name / Product Name : **Dolphin Bituminous Waterproofing**
 Product Description : One-component water-based protective and elastic waterproof coating.
 Company Name : **Al Muqarram Insulation Material 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

2. Composition / Data on Ingredients

Chemical Name	CAS Number	Proportion
Titanium dioxide	13463-67-7 10	30%
Calcium carbonate	471-34-1 10	30%
White spirit	8052-41-3	< 10%
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	< 10%
Isothiazolines		< 10%
Ammonium hydroxide	1336-21-6	< 10%
Additives		< 10%
May contain residuals of styrene	100-42-5	
Non-hazardous ingredients to 100%		

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015 Product Name : **Dolphin Bituminous Waterproofing**
Revision : 00 Product Code : **Dolphin Bituminous Waterproofing**
Page : 2

3. Hazard 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.

4. First Aid Measures

INHALATION : Remove from contaminated area. Lay patient down. Keep warm and rested. Prosthesis 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.

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.

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.

INGESTION : Immediately give a glass of water. First aid is generally not required. If in doubt seek medical advice.

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015 Product Name : **Dolphin Bituminous Waterproofing**
Revision : 00 Product Code : **Dolphin Bituminous Waterproofing**
Page : 3

5. Accidental Release Measures

Precautions for clean-up crew : Nitrile rubber or PVC gauntlets
Clean up spills / leaks : Prevent spillage from entering drains or waterways. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and waterways. If contamination of drains or waterways occurs, advise emergency services.

6. Firefighting 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 acrid smoke.
Precautions and equipment for fire fighters : Wear self-contained breathing apparatus and full protective gear.
Hazchem Code : None allocated

7. Handling and Storage

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 oxidising agents, acids and alkalis.

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015 Product Name : **Dolphin Bituminous Waterproofing**
Revision : 00 Product Code : **Dolphin Bituminous Waterproofing**
Page : 4

8. Controls / Personal Protection

Exposure standards : Not available for Barracryl 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 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 : Smooth, thick pigmented paste with mild ammoniacal odor.
pH : >7
Boiling point (°C) : 100°C
Melting point (°C) : Not Available
Vapour pressure @25°C (kPa) : Not Available
Solubility in water at 20°C : Miscible
Specific gravity : 1.2 – 1.5
Flash point (°C) : Not Applicable
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

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015
Revision : 00
Page : 5

Product Name : **Dolphin Bituminous Waterproofing**
Product Code : **Dolphin Bituminous Waterproofing**

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.
- INHILATION** : Not normally a hazard due to non-volatile nature of product. Inhalation of vapour 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

Ecology: Do not discharge into sewers.

13. Disposal Consideration

- 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.

DOLPHIN BITUMINOUS WATERPROOFING

Prepared on : 31-10-2015
Revision : 00
Page : 6

Product Name : **Dolphin Bituminous Waterproofing**
Product Code : **Dolphin Bituminous Waterproofing**

14. Transportation 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. Other Information

- The information contained in this MSDS is presented in good faith, based on information available and is subject to change without notice.
- Al Muqarram Insulation Materials Industry L.L.C makes no warranties, expressed or implied, including but not limited to, any implied warranty of merchantability or fitness for the practical purpose or course of performance of trade.