



TRUST EVERY BOND

MATERIAL SAFETY DATA SHEET

DOLPHIN FIX & SEAL 200

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin Fix & Seal 200 Sealant
Product Code : Fix & Seal 200
Recommended Use : Construction and Industrial

Company Details

Company Name : Al Muqarram Insulation Materials Industry L.L.C.
Address : Industrial Area # 15, Post Box No. 24756
Sharjah, United Arab Emirates

Phone Number : +971 (6) 5353796
Fax No. : +971 (6) 5353964
E-mail ID : info@muqarram.com
Website : www.muqarram.com

Emergency Telephone Number: 00971-549981925

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Skin Irritation, Category 2 : causes skin irritation
Eye Irritation, Category 2 : causes eye irritation
Skin sensitization, Category 1 : may cause allergic skin reaction

Adverse physicochemical, human health and environmental effects : No additional information available

2.2 Label elements:

Labelling

Hazard pictograms (CLP)



Signal word (CLP) : Warning

Contains : Aminopropyl triethoxy silane

3. COMPOSITION/INFORMATION ON INGREDIENT

3.1 Substances:

Not applicable

3.2 Mixtures:

Name	CAS No.	%
Calcium Carbonate	1317-65-3	30-50
Hybrid polymer (MS)	216597-12-5	20-30
1,2-benzenedicarboxylic acid, diisononyl ester	28553-12-0	5 -20
Aminopropyl Triethoxy Silane	919-30-2	1 - 1.5
Dibutyltin didodecanoate	77-58-7	< 0.05

Code	Description
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Code	Description
P 201	Obtain special instructions before use
P 202	Do not handle until all safety precautions have been read and understood
P 261.B	Avoid breathing dust
P 264.1	Wash hands thoroughly after handling
P 272	Contaminated work, clothing should not be allowed out of the workplace
P 280	Wear protective gloves/protective clothing/eye protection/face protection
P 305+P 351+P 338	If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P 308 + P313	IF exposed or concerned: Get medical advice/attention
P 321.A	Specific treatment see supplementary instructions on this label
P 333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P 337+P 313	If eye irritation persists: Get medical advice
P 363	Wash contaminated clothing before reuse
P 501.A	Dispose of contents/container in accordance with applicable regulations

4. FIRST AID MEASURES

4.1. Description of first aid measures:

- First-aid measures general** : If you feel unwell, seek medical advice.
- First-aid measures after inhalation** : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact** : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion** : Rinse mouth out with water. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed:

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media:

Suitable Extinguishing Media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable Extinguishing Media : None known.

5.2. Special hazards arising from the substance or mixture:

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters:

Firefighting instructions : Dilute toxic gases with water spray.

Protection during firefighting : Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

6.1.1 For non-emergency personnel:

Emergency procedures : Ventilate spillage area.

6.1.2 For emergency responders:

Protective equipment : Do not attempt to act without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions:

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up : Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

Other information: : Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Precautions for safe handling : Ensure good ventilation of the workstation. Wear personal protective equipment.
Hygiene measures : Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities:

Storage conditions : Store tightly closed in a dry, cool, and well-ventilated place.
Incompatible products : Heat sources.
Maximum storage period : 1 year
Packaging materials : aluminum foil.

7.3. Specific end use(s) : No additional information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Controls

8.1.1 Appropriate Engineering Controls:

Appropriate engineering controls : Ensure good ventilation of the workstation.

8.1.2 Personal protection equipment:

Personal protection equipment symbol(s)



8.1.2.1 Eye and face protection:

Eye protection : Safety glasses

8.1.2.2 Skin protection:

Skin and body protection : Wear suitable protective clothing
Hand protection : Protective gloves

8.1.2.3 Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

8.1.2.4 Thermal Hazards

No additional information available.

8.1.3 Environmental exposure controls

Avoid release to the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state	: Solid
Color	: Variable
Appearance	: Pasty
Odour	: solvent-like
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: > 70 °C
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not soluble in water
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure at 50 °C	: Not available
Density	: 1420 kg/m ³ (20°C)
Relative density	: 1.40 – 1.45 (20°C)
Relative vapor density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2 Other Information

9.2.1. Information about physical hazard classes	: No additional information available
9.2.2. Other safety characteristics	
VOC content	: < 25 g/L

10. STABILITY AND REACTIVITY

10.1. Reactivity	: The product is non-reactive under normal conditions of use, storage, and transport.
10.2. Chemical stability	: Stable under normal conditions.
10.3. Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid	: Keep away from naked flames/heat and moisture
10.5. Incompatible materials	: Strong oxidizing agents, strong acids.
10.6. Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products not produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

11.2. Information on other hazards: : No additional information available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – general : Not applicable

Hazardous to the aquatic environment, short-term (acute) : No data available

Hazardous to the aquatic environment, long-term (chronic) : No data available
Not rapidly degradable

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Do not discharge into drains or the environment.

Additional information : Disposal in compliance with the local regulations as applicable.

Ecology - waste materials : Avoid release to the environment.

14. TRANSPORT INFORMATION

Not dangerous goods.

In accordance with ADR / IMDG / IATA / ADN / RID /

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.2. UN proper shipping name				
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.3. Transport hazard class(es)				
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.4. Packing group				
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards				
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

No supplementary information available.

14.6. Special precautions for user

Overland transport	: Not applicable
Transport by sea	: Not applicable
Air Transport	: Not applicable
Inland Waterway Transport	: Not applicable
Rail Transport	: Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for substance or mixture

No additional information available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.