



WORLD-CLASS
CHEMICALS

المكرم لصناعة المواد العازلة ذ.م.م
Al Muqarram Insulation Material Industry L.L.C.

MATERIAL SAFETY DATA SHEET

DOLPHIN TYRE FOAM

Revision Date: 9th March 2021

Revision No. 02

Number of Pages: 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : Dolphin Tyre Foam
Recommended Use : Rubber Protectant

Company Details

Company Name : Al Muqarram Industry L.L.C.
Address : Etihad Street, Modern Industrial Area, Umm al Thoob
Post Box No. 24756, Umm Al Quwain, United Arab Emirates
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Website : www.muqarram.com

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classified as : Hazardous.
Label Elements : Signal word warning.
Other Hazards : Flammable aerosol, pressurized, may burst if heated.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Identity	CAS No	Weight %
Water	7732-18-5	65 – 90
Poly Dimethyl Siloxane	-	20 – 30
Perfume	-	1 – 5
Surfactants	-	15 - 40

4. FIRST AID MEASURES

Description of first Aid Measures

Eyes : Flush eye with plenty of water. If irritation or other symptoms persist seek medical attention.

Ingestion : If swallowed, do not induce vomiting. Never give anything by mouth to unconscious person. Seek immediate medical advice.

Skin Contact : Remove contaminated clothing. Wash affected area with soap and water.

Inhalation : Remove victim to fresh air. Seek medical attention immediately.

Most Important Symptoms : Adverse effect not expected from these products under normal condition of use.

Indication of Immediate Medical Attention and Special Treatment Needed : No Specific treatment, treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	: Dry agent, Carbon Mono Oxide, prevent contamination of drains and waterways.
Specific Hazards Arising from the Chemical	: Flammable may evolve toxic gases (hydrocarbon) when heated to decomposition. Aerosol may be exploded at temperature above 50 °C.
Advice for Firefighters	: Fire fighters should wear full protective clothing for fires in areas were chemical Are used or stored.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment. Ensure adequate ventilation especially in confined area
Environmental Precautions	: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.
Method of cleaning up	: Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with clean water.

7. HANDLING AND STORAGE

Precautions for Safe Handling	: Handle with good industrial hygiene and safety practice. Avoid contact with eye, clothing, and wash thoroughly after handling.
Proper Storage Condition	: No special storage required. Store in a well-ventilated area removed from incompatible substances, heat, or direct sunlight.
Respiratory Protection	: Not required under normal use conditions.
Eye Protection	: Not required for normal use. Avoid contact with eye.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters Personal Protection Chemical	: Exposure Limit 1000 ppm TWA OSHA PEL 1000 ppm TWA ACGIH TLV (Aliphatic hydro carbon gas) Non-Hazardous Ingredients Non-Established.
Engineering Controls	: Avoid inhalation. Use in well ventilated areas
Personal Protective Equipment	: Respiratory protection not required under normal use conditions. Gloves required under normal use conditions. Eye protection required for normal use. Avoid contact with eye.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Milky White Foam
Odor	: Slight lemon Odor
Specific gravity of bulk	: 0.97 – 1.0
pH	: 6.00 – 7.00
Flow Time B4 bulk	: 25 – 35 sec
Water Solubility	: Soluble
Boiling Point	: Not determined.

10. STABILITY AND REACTIVITY

Reactivity	: Stable under normal use.
Chemical Stability	: Stable under recommended storage condition.

Possibility of Hazard Reactivity	: Polymerization will not occur.
Condition to avoid	: Keep away from all the heat sources, open flames, and direct sunlight.
Incomplete Material	: Thermal decomposition will generate oxides of carbon, silicone di oxide.
Hazardous Decomposition Products	: May evolve carbon oxides and hydrocarbons and hydrocarbons when heated to Decomposition.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effect

Inhalation	: Low irritant. No adverse effects expected from the normal use.
Eye Contact	: Direct contact may cause mild eye irritation with redness & tearing.
Skin Contact	: Prolong or repeated contact may cause mild irritation in some individuals.
Ingestion	: Swallowing may cause gastrointestinal disturbances.

12. ECOLOGICAL INFORMATION

Eco-toxicity	: No information provided.
Persistence and Degradability	: No data available.
Bioaccumulation	: No information available.
Mobility	: Disperse in water
Other Adverse Effects	: No eco toxicity data available.

13. DISPOSAL CONSIDERATIONS

Water Treatment Method	: Disposal should be accordance with all local, state, provincial and federal regulation.
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14. TRANSPORT INFORMATION

UN Number	: UN 1950
IMDG Shipping Name	: Aerosol
Transport Hazard Class	: 2.1
IATA Shipping Name	: Aerosol Flammable
IATA Hazard Class	: 2.1
ADG Shipping Name	: Aerosol
ADG Hazard Class	: 2.1

15. REGULATORY INFORMATION

Hazards Codes	: F (Flammable).
Risk Phrases	: R10 (Flammable).
Safety Phrases	: S16 -Keep away from sources of ignition, no smoking.

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



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The information contained herein is based on the present state of our knowledge. It characterizes the product about 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.

Additional Information

It should be noted that the effects from exposure to this product depend on several Factors including frequency and duration of use, quantity used, and effectiveness of Control measures, protective equipment used and method of application.

Abbreviations

ACGIH	American Conference of Government Industrial Hygienists.
CAS#	Chemical Abstract Service Number.
PPM	Parts per million.
STEL	Short Term Exposure Limits.
SWA	Safe work Australia.
TLV	Threshold Limit Value.
TWA	Time Weighted Average.

17. DISCLAIMER

The information provided in this document has been compiled based on our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently, it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own circumstances, conditions or use.