

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	: Seal Marine-Shield (Marine Application)
Product ID	: SMS
Product Description	: Marine Thermal insulation & waterproofing protective coating.
Chemical Description	: A blend of acrylic copolymer , pigments and extenders.
Chemical Nature	: Water Based
Distributor	: Modern Building General Trading L.L.C, Dubai - United Arab Emirates
Phone	: +971 (0) 4 451 23 78
Fax	: +971 (0) 4 451 28 58
Date Reviewed	: 10/09/2018

SECTION 2 - HAZARDOUS INGREDIENTS DETERMINED BY PERCENTAGE

Product does not contain any hazardous ingredients in reportable quantities.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight%
Acrylic polymer emulsion	n/a	30-60
Titanium dioxide	n/a	10-30
Inorganic extender	Not Required*	10-30
Additives	Not Required*	<10
Water	7732-18-5	10-30

* Ingredients either not classified as hazardous or below relevant concentration cut-offs.

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	: Liquid Pigmented
Odour	: Slightly ammoniacal
Boiling point	: 100 °C
Relative density	: 0.8 kg/L
Viscosity	: 55-85 poise. @ 25 °C
Solubility in water	: Completely soluble
VOC Content	: < 50 g/L

SECTION 5 - FIRST AID MEASURES

Contact with skin

Contact with eyes

Swallowing

Inhalation

- : Wash with plenty of water and soap.
- : Wash immediately with water for at least 10 minutes.
- : Do not under any circumstance induce vomiting.
OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
- : Ventilate the premises. The patient is to be removed immediately from the Contaminated premises to rest in a well ventilate area.
OBTAIN MEDICAL ATTENTION.

SECTION 6 - FIRE FIGHTING MEASURES

Recommended extinguishers

Extinguishers not to be used

Risks arising from combustion

Protective equipment

Flash Point

- : Foam, sand and Co3.
- : None in particular
- : Avoid inhaling the fumes.
- : Use protection for the respiratory tract.
- : Cool the containers exposed to the fire with water.
- : Not applicable

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Measures for Personal safety

Environmental Measures

Cleaning Methods

- : Use a mask, gloves and protective clothing.
- : Limit leakages with earth or sand.
- : Eliminate all unguarded flames and possible sources of ignition.
Do not smoke.
- : If the product has escaped into a water course, into the drainage system, or Has contaminated the ground or vegetation, notify the competent authorities.
- : Rapidly recover the product. To do so, wear a mask and protective clothing.
- : If the product is in a liquid form. Stop it from entering the drainage system.
- : Recover the product for re-use if possible, or for elimination. The product Might, where appropriate, be absorbed by inert material.
- : After the product has been recovered, rinse the area and materials involved with water.

SECTION 8 - HANDLING AND STORAGE

Handling precautions

: Avoid contact and inhalation of the vapours. See, too, section 9 below.

Storage Conditions

: Do not eat or drink while working.

: Do not smoke while working.

: Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards to storage premises

: Store the product in cool, dry place. Do not allow to freeze.

SECTION 9 - EXPOSURE CONTROL / PERSONAL PROTECTION

Precautionary measures

: Give adequate ventilated to the premises where the product is stored and /or handled.

Respiratory protection

: Not needed for normal use.

Protection for hands

: Not needed for normal use.

Protection for skin

: No special precaution must be adopted for normal use.

Eye Protection

: Not needed for normal use.

Exposure limits (s) (ACGIH)

: None.

SECTION 10 - STABILITY AND REACTIVITY

Conditions to avoid

: Stable under normal conditions.

Substances to avoid

: Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

: It may match fire on contact with oxidising mineral acids, and powerful oxidising agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

The concentration of each substance be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

2-(2-butoxyethoxy) ethanol; diethylene glycol monobutyl ether LD 50 (RAT) ORAL: 6560 mg/kg/ nLD 50 (RABBIT) SKIN : 4120 mg/kg/n

SECTION 12 - ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recover, if possible. Send authorised disposal plants or for incineration under controlled conditions. In so doing comply with the local and national regulations currently in force. Dry material is non-hazardous.

SECTION 14 - TRANSPORT INFORMATION

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA)

SECTION 15 - REGULATORY INFORMATION

Label information

88 / 379 EEC (Classification and Labelling):

Special Provisions: Keep it at temperature exceeding 5°C

Safety data sheet available for professional use on request.

The preparation should not be considered as dangerous according to dir. 88/379/EEC, where applicable, refer to the following regulatory provisions:

Directive 82/501/EEC (Activities linked to risks of serious accidents) and subsequent amendments.

SECTION 16 - OTHER INFORMATION

This material is considered to be Non-Hazardous per 29 CFR 1910 & EEC directive 67 / 548.

Hazardous Material Information System (HMIS)

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	B

This information only concerns the above-mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

This MSDS cancels and replaces any preceding release.

Seal Coatings Australia assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.