

SAFETY DATA SHEET

IGL COATINGS™ MARINE SOLUTIONS TEAK GUARD



Material no.

Specification

154360

Revision date

20.02.2023

Version

1.00

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : IGL Coatings™ Marine Solutions Teak Guard
FUNCTION : Surface modifier coating for wood and WPC
COMPANY : Ominent Sdn Bhd
ADDRESS : No.7, Jalan Majistret U1/26, Hicom-Glenmarie Industrial Park, Seksyen U1, 40150 Shah Alam, Selangor.
PHONE : +60355690980
EMAIL ADDRESS : regulations@iglcoatings.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This product is not classified as physical, health or environmental hazards under GHS criteria.

2.2 Label Elements

Regulation (EC) No. 1272/2008

This product is not entitled for any hazard pictogram under GHS criteria.

Signal word

Not applicable

Hazard statements

Not applicable

Precautionary statements

P501 Dispose of contents/container to comply with local, state and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Chemical Name			Quantity
	EC No.	Index No.	REACH No.	
	Classification according to Regulation (EC) No. 1272/2008 (CLP)			
7732-18-5	Water			>80%
	231-791-2	Not applicable	Not applicable	
	Not applicable			
70131-67-8	Polydimethylsiloxane			5-10%
	615-070-3	Not applicable	Not applicable	
	Not applicable			

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

If aerosol or mists are inhaled, take affected persons out into the fresh air.

In all cases of persistent discomfort or other symptoms, consult a physician immediately.

After skin contact

Immediately wash skin with soap and plenty of water. Wash clothing before reuse.

Obtain medical attention immediately if symptoms occur.

After contact with eyes

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if presence and easy to do.

Obtain medical attention if irritation develops.

After ingestion

If accidentally swallowed, rinse mouth thoroughly with water and afterwards, drink plenty of water.

In case of discomfort, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

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No information available.

4.3 Indication of any immediate medical attention and special treatment needed

After absorbing large amounts of substance: Administration of activated charcoal.
Acceleration of gastrointestinal passage.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water spray, foam, CO₂, dry powder

5.2 Unsuitable extinguishing media

High volume water jet

5.3 Special hazards arising from the substance or mixture

Not known

5.4 Advise for firefighters

As in any fire, wear self-contained positive pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

5.5 Unusual Fire Hazards:

None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear personal protection equipment (Refer to section 8).

6.2 Environmental precautions

Obey relevant local, state, provincial and federal laws and regulations.

Do not contaminate any lake, streams, ponds, groundwater or soil.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Fill into marked, sealable containers. To be disposed of in compliance with existing regulations.

Suitable binder: Sand (for damping up)

6.4 Reference to other sections

Safe handling: Refer to section 7

Personal protection equipment: Refer to section 8

Disposal: Refer to section 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (Refer to section 8).

Further information on handling

General protection and hygiene measures: Refer to section 8.

Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Take precautionary measures against static charges, keep away from source of ignition.

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

Keep the packing dry and well-sealed to prevent contamination.

Recommended storage temperature: 20-25 °C

Protect against UV-radiation/sunlight, heat and freezing.

7.3 Specific end use(s): Refer to section 1.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

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8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: The lists valid during the making were used as basis.

8.2 Exposure Control

8.2.1 General protective and hygienic measures:

Wash hands before breaks and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection:

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Protection of hands:

Glove Material : butyl-rubber
Material thickness : 0.5mm
Break through time : >= 480 min
Glove material : fluorinated rubber (Viton)
Material thickness : 0.4mm
Break through time : >= 480 min

Material of gloves:

Selection of protective gloves to meet the requirements of specific workplaces. Suitability for specific workplaces should be clarified with protective glove manufacturers. The above-mentioned hand protection is based on knowledge of the chemistry and anticipated uses of this product, but it may not be appropriate for all workplaces. A hazard assessment should be conducted prior to use to ensure suitability of gloves for specific work environments and processes prior to use. Use impermeable gloves.

Eye protection: Use chemical splash goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point : 100 °C
Flash point : 95 °C
Specific Gravity : 1 (at 20 °C)
Density : 1.006 g/cm³ (20 °C)
Volatile Organic % : 0 %
pH : 4.0 ± 0.5 (1000 g/l) (20°C)
Evaporation Rate : Not applicable
Solubility in Water : Miscible
Appearance (color) : Slightly yellowish
Appearance (form) : Liquid
Odour : Almost odourless

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions: No dangerous reactions known.
10.4 Conditions to avoid: Protect from frost.
10.5 Incompatible materials: None known.
10.6 Hazardous decomposition products: None known.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Exposure route	Endpoint	Value	Species	Exposure time
Oral	LD50	2000 mg/kg	Rat	-

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Inhalation	LC50	5.5mg/l	Rat	4 hours
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Acute oral toxicity: The substance or mixture has no acute oral toxicity.

Skin corrosion/irritation: Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation: Shall not be classified as eye irritation.

Respiratory or skin sensitization: Shall not be classified as respiratory or skin sensitizer.

Summary of evaluation of the CMR properties: Shall not be classified as a germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity – single exposure: Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity – repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard: Shall not be classified as presenting as aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data are available.

12.2 Process of degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms.

12.4 Mobility in soil

No data are available.

12.5 Results of PBT and vPvB Assessment

No data are available.

12.6 Other adverse effects

No data are available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulation.

Sewage disposal-related information

Do not empty into drains.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

14.1 IATA-DGR

UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -
Environmental hazards : No
Special precautions for user : No data available.
Remarks : -

14.2 IMDG-Code

UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -

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Environmental hazards : No

Marine pollutant : No

EmS Code : -

15. REGULATORY INFORMATION

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

US Federal Regulations

US. Toxic Substances Control Act (TSCA)

All chemical substances in this material are included on the TSCA Inventory of Chemical Substances.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Substance List

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 313 Toxics Release Inventory (TRI) Reporting

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

US. State Regulation

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

EU Regulation

EU. Directive 2012/18/EU (SEVESO III) on Major Accident Hazards Involving Dangerous Substances, Annex I:

Not applicable.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. OTHER INFORMATION

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material use in combination with any other materials or any process, unless specified in the test.