

UNIMARINE SERVICES INC

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## SAFETY DATA SHEET

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### 1. Identification of the substance or preparation and of the company/undertaking

#### 1.1 Product identifier

- Product Name: EC Coat Barrier

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/preparation: Temporary cargo barrier

#### 1.3 Details of the supplier of the safety data sheet

Company:

Unimarine Services Inc.  
60 Market Square,  
PO Box 364, Belize City

Contact your nearest Unimarine sales office

Representative office in Greece:

Email: [info@unimarine.gr](mailto:info@unimarine.gr)  
Tel: +30 210 9957279

#### 1.4 Emergency Telephone Number

Emergency Telephone: Only to be used in case of incident  
Tel: 00357 25 662068

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### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

- Not Classified

#### 2.2 Label elements

- Not applicable
- Hazard phrases  
Not applicable
- Precautionary Phrases  
Not applicable

#### 2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII

## 2. Hazards identification

- Odour: Odourless
  - Appearance: Liquid, colourless, soluble in water
- 

## 3. Composition/information on ingredients

### 3.1 Mixtures

- Non classified ingredients  
Concentration: 100  
CAS Number:  
EC Number:  
R/H Phrases:  
Symbols:  
Categories:
- 

## 4. First aid measures

### 4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
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- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).

### 4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas

### 4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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## 5. Fire-fighting measures

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

### 5.2 Special hazards arising from the substance or mixture

- Smoke from fires is irritating

### 5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Do not flush spilt material into any public water system

### 6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
  - Ventilate the area and wash spill site after material pick-up is complete
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## 6. Accidental release measures

### 6.4 Reference to other sections

- See Section 13
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## 7. Handling and storage

### 7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- Wash hands thoroughly after using this substance
- In case of insufficient ventilation, wear suitable positive pressure respiratory protection equipment

### 7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place (P402).
- Store in a well-ventilated place. Keep container tightly closed (P403+P233).
- Store above 0 °C

### 7.3 Specific end use(s)

- Contact supplier for further information
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## 8. Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

### 8.2 Exposure controls

- The undiluted product must not be used in a confined space without good ventilation

### 8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
  - In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- pH 9 at 100 % concentration
- Boiling point ~ 100 °C to 760 °C
- Vapour pressure - not known
- Density 1,00 - 1,01 g/cm<sup>3</sup> at 20 deg C

### 9.2 Other information

- None
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## 10. Stability and reactivity

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Chemical stability

- Considered stable under normal conditions
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## 10. Stability and reactivity

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid overheating
- Keep away from frost

### 10.5 Incompatible materials

- None

### 10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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## 11. Toxicological information

### 11.1 Information on toxicological effects

- LD50 (oral, rat) >5000 mg/kg
- LD50 (skin, rabbit) >2000 mg/kg

### 11.2 Contact with eyes

- In cases of severe exposure, redness may develop

### 11.3 Contact with skin

- In cases of severe exposure, redness and irritation may develop

### 11.4 Ingestion

- In cases of severe exposure, gastro-intestinal disturbances may develop

### 11.5 Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
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## 12. Ecological information

### 12.1 Toxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulation Potential

- Not applicable

### 12.4 Mobility in soil

- Completely soluble in water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other Adverse Effects

- Not applicable
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## 13. Disposal considerations

### 13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

### 13.2 Classification

- EU Waste class: -
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## 14. Transport information

Not classified as hazardous for transport

### 14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

### 14.2 Environmental hazards

- Not Classified

### 14.3 Special precautions for user

- Not classified as hazardous for transport

### 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not Classified
- Not applicable

### 14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- ADR subrisk: Not applicable
- ADR Flashpoint: Not applicable

### 14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable
- IMDG subrisk: Not applicable
- IMDG Flashpoint: Not applicable

### 14.7 Air (ICAO/IATA)

- ICAO Un No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable
- ICAO subrisk: Not applicable
- ICAO Flashpoint: Not applicable

### 14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
- DOT Proper Shipping Name: Not applicable
- DOT Labels: Not applicable
- Product RQ (lbs): Not applicable
- Hazardous Material: Not applicable
- Hazard Class: Not applicable
- DOT subrisk: Not applicable
- DOT Flashpoint: Not applicable

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## 15. Regulatory information

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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.

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## 15. Regulatory information

Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
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- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.

### 15.2 Chemical Safety Assessment

- None
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## 16. Other information

The information contained herein relates only to the specific material identified. Unimarine Services Inc. Believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Unimarine Services Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application