SAFETY DATA SHEET



Penguard Fulfill SF Comp A

| Section 1. Chemical product and company identification | | |
|--|---|--|
| Product name | : 佐敦全能无溶剂环氧腻子 组份A | |
| Product code | : 42624 | |
| Product type | : Solid. | |
| Product description | : Putty. | |
| Relevant identified uses o | of the substance or mixture and uses advised against | |
| Use in coatings - Industrial | use | |
| Supplier's details | : 佐敦涂料(张家港)有限公司 中国江苏扬子江国际化学工业园南海路39号 215634 电话: +86 512 58937988 传真: +86 512 58937986 | |
| | Jotun Coatings (Zhangjiagang) Co. Ltd NO.39 Nanhai Road Jiangsu Yangtze River International Chemical Industry Park, Jiangsu Province 215634 China Tel: +86 512 58937988 Fax: +86 512 58937986 | |
| | 中远佐敦船舶涂料(青岛)有限公司 中国山东省青岛市高新区春阳路800号 总机电话: +86-532-68689888 总机传真: +86-532-66726750 | |
| | Jotun COSCO Marine Coatings (Qingdao) Co. Ltd. No. 800, Chunyang Road, High-tech Zone, Qingdao, P. R. China Tel: +86-532-68689888 Fax: +86-532-66726750 | |
| | SDSJotun@jotun.com | |
| Emergency telephone number (with hours of operation) | : Emergency Services for Chemical Incident of China. Tel: +86 532 83889090 | |

Section 2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 and GB 30000-2013

| Classification of the substance or mixture | : SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A SKIN SENSITISATION - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |
|--|---|
| | |

GHS label elements

Date of issue/Date of revision

Section 2. Hazards identification

| Hazard pictograms | |
|-------------------------------|---|
| Signal word | : Warning. |
| Hazard statements | H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements | |
| General | : Not applicable. |
| Prevention | P280 - Wear protective gloves. Wear eye or face protection. P273 - Avoid release to the environment. P261 - Avoid breathing dust. |
| Response | P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention. |
| Storage | : Not applicable. |
| Disposal | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Physical and chemical hazards | : No known significant effects or critical hazards. |
| Health hazards | : Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. |

Section 3. Composition/information on ingredients

: Mixture

: Not available.

| Substance/mixture | |
|-------------------|--|
| Other means of | |
| identification | |

| Ingredient name | % | CAS number |
|--|-----|------------|
| epoxy resin (MW ≤ 700) | <25 | 1675-54-3 |
| oxirane, mono[(c12-14-alkyloxy)methyl]derivs | ≤3 | 68609-97-2 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact
- : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Section 4. First aid measures

| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
|--------------|--|
| Skin contact | : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

Most important symptoms/effects, acute and delayed

| Potential acute health effects | | | |
|--|---|--|--|
| Eye contact | Causes serious eye irritation. | | |
| Inhalation | No known significant effects or critical hazards. | | |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. | | |
| Ingestion | No known significant effects or critical hazards. | | |
| Over-exposure signs/sympto | <u>ns</u> | | |
| Eye contact | Adverse symptoms may include the following: pain or irritation watering redness | | |
| Inhalation | No specific data. | | |
| Skin contact | Adverse symptoms may include the following: irritation redness | | |
| Ingestion | No specific data. | | |
| Indication of immediate medical attention and special treatment needed, if necessary | | | |
| Notes to physician | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. | | |
| Specific treatments | No specific treatment. | | |
| Protection of first-aiders | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. | | |

See toxicological information (Section 11)

Section 5. Firefighting measures

| Extinguishing media | |
|--|---|
| Suitable extinguishing media | : Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | : None known. |
| Specific hazards arising from the chemical | : This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products | : Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides halogenated compounds carbonyl halides metal oxide/oxides |
| Special protective actions for fire-fighters | : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| - oroonar proodationor protoo | | |
|--------------------------------|----|---|
| For non-emergency personnel | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| For emergency responders | : | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| Environmental precautions | : | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. |
| Methods and material for con | ta | inment and cleaning up |
| Small spill | : | Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. |
| Large spill | : | Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

Section 7. Handling and storage

| Precautions for safe handling | |
|--|---|
| Protective measures | Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| Advice on general occupational hygiene | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| Conditions for safe storage, including any incompatibilities | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |

Section 8. Exposure controls/personal protection

| Contro | l parameters |
|---------------|--------------|
| | |

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Occupational exposure limits
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None.

Biological exposure indices

No exposure indices known.

| Appropriate engineering controls | : | Good general ventilation should be sufficient to control worker exposure to airborne contaminants. | |
|----------------------------------|-------------|--|--|
| Environmental exposure controls | : | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. | |
| Individual protection measu | <u>ires</u> | | |
| Hygiene measures | : | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. | |
| Eye/face protection | : | Safety eyewear complying to ISO 16321-1:2022 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. | |
| Skin protection | | | |
| Hand protection | : | There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. | |
| Date of issue/Date of revision | | : 17.01.2024 Date of previous issue : 15.01.2024 Version : 1.07 5/12 | |

Section 8. Exposure controls/personal protection

| • | · · |
|------------------------|--|
| | Always ensure that gloves are free from defects and that they are stored and used correctly. |
| | The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. |
| | Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. |
| | Wear suitable gloves tested to ISO 374-1:2016. May be used, gloves(breakthrough time) 4 - 8 hours: polyvinyl alcohol (PVA) (> 0.3 mm) |
| | Recommended, gloves(breakthrough time) > 8 hours: butyl rubber (> 0.4 mm), nitrile rubber (> 0.75 mm), neoprene (> 0.35 mm) |
| | For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves. |
| | The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. |
| Body protection | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Respiratory protection | : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. |
| | |

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

| Appearance | | |
|---|--------|---|
| Physical state | : Soli | d. [Paste.] |
| Colour | : Wh | ite. |
| Odour | : Cha | iracteristic. |
| Odour threshold | : Not | applicable. |
| рН | : Not | applicable. |
| Melting point/freezing point | : Not | applicable. |
| Boiling point, initial boiling point, and boiling range | : Not | available. |
| Flash point | : Clo | sed cup: Not applicable. |
| Evaporation rate | : Not | available. |
| Flammability | : Not | applicable. |
| Lower and upper explosion limit/flammability limit | : Not | applicable. |
| Vapour pressure | : Hig | nest known value: 0 kPa (0 mm Hg) (at 20°C) (talc (non-asbestos form)). |
| Relative vapour density | : Not | available. |
| Density | : 2.07 | 78 g/cm³ |
| Solubility(ies) | : | |
| Media | | Result |
| cold water hot water | | Not soluble Not soluble |
| Solubility in water | : Not | available. |

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: 15.01.2024

Section 9. Physical and chemical properties and safety characteristics

| Partition coefficient: n- octanol/water | : Not available. |
|--|---|
| Auto-ignition temperature | : Not available. |
| Decomposition temperature | : Not available. |
| Viscosity | : Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt) |
| Particle characteristics | |
| Median particle size | : Not available. |
| No additional information. | |

Section 10. Stability and reactivity

| Reactivity | : No specific test data related to reactivity available for this product or its ingredients. |
|------------------------------------|--|
| Chemical stability | : The product is stable. |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | : No specific data. |
| Incompatible materials | : No specific data. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|---------------------------------------|------------------------|---------------------------------------|----------|
| epoxy resin (MW ≤ 700) oxirane, mono[(c12-14-alkyloxy)methyl] derivs | LD50 Dermal LD50 Oral LD50 Oral | Rabbit Mouse Rat | 20 g/kg 15600 mg/kg 17100 mg/kg | |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|--|--------------------------|------------------------------------|-------|--------------------------|-------------|
| epoxy resin (MW ≤ 700) | Eyes - Severe irritant | Rabbit | - | 24 hours 2 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 500 milligrams | - |
| oxirane, mono[(c12-14-alkyloxy)methyl] derivs | Skin - Mild irritant | Mammal - species unspecified | - | - | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 μΙ | - |

Sensitisation

Section 11. Toxicological information

| | | | · · · · · · · · · · · · · · · · · · · |
|---|-------------------|---|---------------------------------------|
| Product/ingredient name | Route of exposure | Species | Result |
| epoxy resin (MW \leq 700) oxirane, mono[| skin skin | Mammal - species unspecified Mammal - species | Sensitising Sensitising |
| (c12-14-alkyloxy)methyl] derivs | | unspecified | |

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

| Product/ingredient name | IARC |
|-------------------------|------|
| epoxy resin (MW ≤ 700) | 3 |

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes : Not available. of exposure

Potential acute health effects

| Eye contact | : Causes serious eye irritation. |
|--------------|--|
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : Causes skin irritation. May cause an allergic skin reaction. |
| Ingestion | : No known significant effects or critical hazards. |

Symptoms related to the physical, chemical and toxicological characteristics

| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
|--------------|--|
| Inhalation | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: irritation redness |
| Ingestion | : No specific data. |

| Delayed and immediate ef | fects as well as chronic effects from sho | ort and long-term ex | <u>posure</u> |
|--------------------------------|---|----------------------|---------------|
| Short term exposure | | | |
| Potential immediate effects | : Not available. | | |
| Date of issue/Date of revision | : 17.01.2024 Date of previous issue | : 15.01.2024 | Versio |

Section 11. Toxicological information

| Potential delayed effects | 1 | Not available. |
|------------------------------|------------|---|
| <u>Long term exposure</u> | | |
| Potential immediate effects | 1 | Not available. |
| Potential delayed effects | : | Not available. |
| Potential chronic health eff | <u>ect</u> | <u>s</u> |
| Not available. | | |
| General | : | Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity | : | No known significant effects or critical hazards. |
| Mutagenicity | 1 | No known significant effects or critical hazards. |
| Reproductive toxicity | : | No known significant effects or critical hazards. |
| | | |

Numerical measures of toxicity

Acute toxicity estimates

| | · · · | | | V • • • • • • • • • • • | Inhalation (dusts and mists) (mg/l) |
|--|-------|-----|-----|--------------------------------|--|
| oxirane, mono[(c12-14-alkyloxy)methyl]derivs | 17100 | N/A | N/A | N/A | N/A |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|--|--------|----------------------------|----------|
| epoxy resin (MW ≤ 700) Acute EC50 1.4 mg/l | | Daphnia | 48 hours |
| Acute LC50 3.1 mg/l | | Fish - pimephales promelas | 96 hours |
| Chronic NOEC 0.3 mg/l | | Fish | 21 days |

Persistence/degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| epoxy resin (MW ≤ 700) | - | - | Not readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|--|----------------------|------------------|------------|
| epoxy resin (MW ≤ 700) oxirane, mono[(c12-14-alkyloxy)methyl] derivs | 2.64 to 3.78 3.77 | 31 160 to 263 | low low |

Mobility in soil

| Soil/water partition | |
|----------------------|--|
| coefficient (Koc) | |

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

| | China | UN | IMDG | ΙΑΤΑ |
|-------------------------------|----------------|----------------|----------------|----------------|
| UN number | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| UN proper shipping name | - | - | - | - |
| Transport hazard class(es) | - | - | - | - |
| Packing group | - | - | - | - |
| Environmental hazards | No. | No. | No. | No. |

| Special precautions for user | : | 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. |
|--------------------------------|---|---|
| Extinguishing media | | |
| Suitable extinguishing media | 1 | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | : | None known. |
| Incompatible materials | : | No specific data. |
| Transport in bulk according | : | Not available. |

to IMO instruments

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product:

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

Regulations on the Control over Safety of Dangerous Chemicals Measures for Environmental Management of New Chemical Substances Law of the People's Republic of China on the Prevention and Control of Environment Pollution Caused by Solid Wastes Safety regulations for the use of chemicals in the workplace General Rule for Classification and Hazard Communication of Chemicals Classification and code of dangerous goods

List of Goods banned for Importing

None of the components are listed.

Section 15. Regulatory information

Drug Precursors Requiring an Import/Export License

None of the components are listed.

Inventory of Hazardous Chemicals

None of the components are listed.

List of Explosive Precursors

None of the components are listed.

List of Goods banned for Exporting

None of the components are listed.

List of Toxic Chemicals Severely Restricted for Importing & Exporting by China

None of the components are listed.

Catalogue and classification of drug precursor chemicals

None of the components are listed.

Inventory of highly toxic articles

None of the components are listed.

Catalogue of Hazardous Chemicals of Priority Management

None of the components are listed.

Catalogue of Occupational Disease Hazard Factors - Dust

| Ingredient name | Status |
|-----------------|--------|
| barium sulfate | Listed |

Catalogue of Occupational Disease Hazard Factors - Chemical Factors

| Ingredient name | Status |
|-----------------|--------|
| barium sulfate | Listed |

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals Not listed.

Not listed.

Section 16. Other information

| History | |
|--------------------------------|--------------|
| Date of printing | : 17.01.2024 |
| Date of issue/Date of revision | : 17.01.2024 |
| Date of previous issue | : 15.01.2024 |
| Version | : 1.07 |

Section 16. Other information

| Key to abbreviations | : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association |
|----------------------|---|
| | IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods |
| | LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, |
| | 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available |
| | SGG = Segregation Group UN = United Nations |

Procedure used to derive the classification

| Classification | Justification |
|---|--------------------|
| SKIN CORROSION/IRRITATION - Category 2 | Calculation method |
| SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A | Calculation method |
| SKIN SENSITISATION - Category 1 | Calculation method |
| LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 | Calculation method |

References

: Not available.

V Indicates information that has changed from previously issued version.

Notice to reader

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.