SAFETY DATA SHEET



Jotafloor PU Topcoat Comp B

| Section 1. Identification | | | |
|--|--|--|--|
| GHS product identifier | : Jotafloor PU Topcoat Comp B | | |
| Other means of identification | : Not available. | | |
| Product code | : 488 | | |
| Product description | : Hardener. | | |
| Product type | : Liquid. | | |
| Relevant identified uses o | f the substance or mixture and uses advised against | | |
| Identified uses | | | |
| Use in coatings - Industrial Use in coatings - Profession | | | |
| Supplier's details | : Jotun (Singapore) Pte Ltd 37 Tuas View Crescent Singapore 637236 Phone: 6508 8288 Fax: 6265 7484 SDSJotun@jotun.com | | |
| Emergency telephone number | : Jotun (Singapore) Pte Ltd, Tel: 6508 8288 | | |

Section 2. Hazards identification

| Classification of the substance or mixture | FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN SENSITISATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |
|--|---|
| GHS label elements | |
| Hazard pictograms | |
| Signal word | : Warning. |
| Hazard statements | H226 - Flammable liquid and vapour. H317 - May cause an allergic skin reaction. H332 - Harmful if inhaled. H335 - May cause respiratory irritation. H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements | |
| Prevention | P280 - Wear protective gloves. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P261 - Avoid breathing vapour. |
| Response | P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell. 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. |
| | |

Section 2. Hazards identification

| Storage | P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. P403 + P235 - Keep cool. |
|----------|--|
| Disposal | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| | - |

Other hazards which do not : None known.

result in classification

Section 3. Composition/information on ingredients

| Substance/mixture | : | Mixture |
|-------------------------------------|---|-----------------|
| Other means of identification | : | Not available. |
| CAS number/other identifiers | | |
| CAS number | : | Not applicable. |
| EC number | : | Mixture. |
| Product code | : | 488 |
| Ingredient name | | |

| Ingredient name | % | CAS number |
|--|-----------|------------|
| hexane, 1,6-diisocyanato-, homopolymer | ≥75 - ≤90 | 28182-81-2 |
| n-butyl acetate | <10 | 123-86-4 |
| hydrocarbons, C9, aromatics | <10 | 64742-95-6 |
| hexamethylene-di-isocyanate | ≤0.3 | 822-06-0 |

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.

: Not applicable.

Chemical formula

Section 4. First aid measures

| 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 if irritation occurs. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate |
|--|
| |
| mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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. |
| 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. |
| 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

| Date of issue | |
|---------------|--|
|---------------|--|

Section 4. First aid measures

| Potential acute health effect | ts | | |
|--|----|---|--|
| Eye contact | : | No known significant effects or critical hazards. | |
| Inhalation | : | Harmful if inhaled. May cause respiratory irritation. | |
| Skin contact | : | May cause an allergic skin reaction. | |
| Ingestion | : | No known significant effects or critical hazards. | |
| Over-exposure signs/sympt | on | <u>15</u> | |
| Eye contact | : | No specific data. | |
| Inhalation | : | Adverse symptoms may include the following: respiratory tract irritation coughing | |
| Skin contact | : | Adverse symptoms may include the following: irritation redness | |
| Ingestion | 1 | No specific data. | |
| Indication of immediate medi | ca | l 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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 : Use dry chemical, CO₂, water spray (fog) or foam. media Unsuitable extinguishing : Do not use water jet. media Specific hazards arising : Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. from the chemical In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. 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. : Decomposition products may include the following materials: **Hazardous thermal** carbon dioxide decomposition products carbon monoxide nitrogen oxides **Special protective actions** : Promptly isolate the scene by removing all persons from the vicinity of the incident if for fire-fighters there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. **Special protective** ŝ Fire-fighters should wear appropriate protective equipment and self-contained equipment for fire-fighters 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

| 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
|--------------------------------|--|
|--------------------------------|--|

Section 6. Accidental release measures

| 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 | : | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Large spill | : | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. 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 breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. 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 a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. 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

Control parameters

Occupational exposure limits

Section 8. Exposure controls/personal protection

| Ingredient name | | | Exposure limits |
|-------------------------------------|-------------|--|---|
| n-butyl acetate | | | Workplace Safety and Health Act (Singapore, 2/2006). PEL (short term): 950 mg/m ³ 15 minutes. PEL (short term): 200 ppm 15 minutes. PEL (long term): 713 mg/m ³ 8 hours. PEL (long term): 150 ppm 8 hours. |
| hexamethylene-di-isocyanate | | | Workplace Safety and Health Act (Singapore, 2/2006). PEL (long term): 0.005 ppm 8 hours. PEL (long term): 0.034 mg/m ³ 8 hours. |
| Appropriate engineering controls | : | ventilation or other engineering conta contaminants below any recommend | Use process enclosures, local exhaust rols to keep worker exposure to airborne ded or statutory limits. The engineering controls st concentrations below any lower explosive on equipment. |
| Environmental exposure controls | : | they comply with the requirements o | rocess equipment should be checked to ensure f environmental protection legislation. In some jineering modifications to the process ce emissions to acceptable levels. |
| Individual protection measu | <u>ures</u> | | |
| Hygiene measures | : | eating, smoking and using the lavate Appropriate techniques should be us Contaminated work clothing should be | roughly after handling chemical products, before ory and at the end of the working period. sed to remove potentially contaminated clothing. not be allowed out of the workplace. Wash g. Ensure that eyewash stations and safety n location. |
| Eye/face protection | : | assessment indicates this is necess gases or dusts. If contact is possible | 321-1:2022 should be used when a risk ary to avoid exposure to liquid splashes, mists, e, the following protection should be worn, igher degree of protection: safety glasses with |
| Skin protection | | | |
| Hand protection | : | resistance to any individual or combi The breakthrough time must be grea The instructions and information pro storage, maintenance and replacem Gloves should be replaced regularly material. Always ensure that gloves are free f | ater than the end use time of the product. vided by the glove manufacturer on use, |
| | | chemical damage and poor mainten | he exposed areas of the skin but should not be |
| | | Wear suitable gloves tested to ISO 3 Recommended, gloves(breakthroug alcohol (PVA) (> 0.3 mm) | 374-1:2016. h time) > 8 hours: Teflon (> 0.35 mm), polyvinyl |
| | | PVC (> 0.5 mm), Viton® (> 0.7 mm) | ime) 4 - 8 hours: 4H/Silver Shield® (> 0.07 |
| | | For right choice of glove materials, v penetration, seek advice by the sup | vith focus on chemical resistance and time of plier of chemical resistant gloves. |
| | | | hoice of type of glove selected for handling this takes into account the particular conditions of sessment. |

Section 8. Exposure controls/personal protection

| 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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. |
|------------------------|---|
| 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

| <u>Appearance</u> | | |
|--|---|------|
| Physical state | Liquid. | |
| Colour | Colourless. | |
| Odour | Characteristic. | |
| Odour threshold | Not available. | |
| рН | Not applicable. | |
| Melting point | Not applicable. | |
| Boiling point | Lowest known value: 126°C (258.8°F) (n-butyl acetate). Weighted average: 149.25°C (300.6°F) | |
| Flash point | Closed cup: 47°C (116.6°F) | |
| Burning time | Not applicable. | |
| Burning rate | Not applicable. | |
| Evaporation rate | 1 (n-butyl acetate) compared with butyl acetate | |
| Flammability (solid, gas) | Not applicable. | |
| Lower and upper explosive (flammable) limits | 1.4 - 7.6% | |
| Vapour pressure | Highest known value: 1.5 kPa (11.3 mm Hg) (at 20°C) (n-butyl acetate). Weigh average: 0.09 kPa (0.68 mm Hg) (at 20°C) | ited |
| Vapour density | Highest known value: 4 (Air = 1) (n-butyl acetate). | |
| Relative density | 1.13 g/cm³ | |
| Solubility | Insoluble in the following materials: cold water and hot water. | |
| Solubility in water | Not available. | |
| Partition coefficient: n- octanol/water | Not available. | |
| Auto-ignition temperature | Lowest known value: 280 to 470°C (536 to 878°F) (hydrocarbons, C9, aromatics | s). |
| Decomposition temperature | Not available. | |
| SADT | Not available. | |
| Viscosity | Dynamic: Highest known value: 3851.69 cP (hexane, 1,6-diisocyanato-, homopolymer) Kinematic: Highest known value: 0.83 cSt (n-butyl acetate) (OECD 114) Kinematic (40C): >20.5 cSt | |

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 | : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Incompatible materials | Keep away from: oxidising agents, strong alkalis, strong acids, amines, alcohols, water. Uncontrolled exothermic reactions occur with amines and alcohols. |
| | |

Section 10. Stability and reactivity

| Hazardous decomposition |
|-------------------------|
| products |
| SADT |

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

: Not available.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------------|--|----------------------|---|-------------------|
| n-butyl acetate | LC50 Inhalation Vapour LD50 Dermal LD50 Oral | Rat Rabbit Rat | >21.1 mg/l >17600 mg/kg 13100 mg/kg | 4 hours - - |
| hexamethylene-di- isocyanate | LC50 Inhalation Dusts and mists | Rat | 124 mg/m³ | 4 hours |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|--|--------------------------|------------------------------------|-------|----------|--------------------|
| Hexamethylene diisocyanate, oligomers | Eyes - Moderate irritant | Rabbit | - | 100 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 500 mg | - |
| hexamethylene-di- isocyanate | Eyes - Mild irritant | Mammal - species unspecified | - | - | - |
| | Skin - Mild irritant | Mammal - species unspecified | - | - | - |

Sensitisation

| Product/ingredient name | Route of exposure | Species | Result | |
|--|-------------------|---------------------------------|-------------|--|
| Hexamethylene diisocyanate, oligomers | skin | Mammal - species unspecified | Sensitising | |
| hexamethylene-di- isocyanate | skin | Mammal - species unspecified | Sensitising | |

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|---------------------------------------|------------|-------------------|------------------------------|
| Hexamethylene diisocyanate, oligomers | Category 3 | - | Respiratory tract irritation |
| n-butyl acetate | Category 3 | - | Narcotic effects |
| hydrocarbons, C9, aromatics | Category 3 | - | Respiratory tract irritation |
| | Category 3 | | Narcotic effects |
| hexamethylene-di-isocyanate | Category 3 | - | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure) Not available.

Aspiration hazard

Section 11. Toxicological information

| Name | | | Result | |
|--|----------------------------------|--|---|--|
| hydrocarbons, C9, aromatics | 5 | | ASPIRATION HAZARD - Category 1 | |
| Information on likely routes of exposure | : | Not available. | | |
| Potential acute health effects | <u>s</u> | | | |
| Eye contact | 1 | No known significant effects or critical | hazards. | |
| Inhalation | : | Harmful if inhaled. May cause respira | tory irritation. | |
| Skin contact | 1 | May cause an allergic skin reaction. | | |
| Ingestion | : | No known significant effects or critical | hazards. | |
| Symptoms related to the phy | <u>/sic</u> | al, chemical and toxicological chara | <u>icteristics</u> | |
| Eye contact | : | No specific data. | | |
| Inhalation | : | Adverse symptoms may include the for respiratory tract irritation coughing | bllowing: | |
| Skin contact | - | Adverse symptoms may include the for irritation redness | bllowing: | |
| Ingestion | 1 | No specific data. | | |
| Delayed and immediate effec | <u>ts</u> | as well as chronic effects from short | t and long-term exposure | |
| Short term exposure | | | | |
| Potential immediate effects | 1 | Not available. | | |
| Potential delayed effects | 1 | Not available. | | |
| <u>Long term exposure</u> | | | | |
| Potential immediate effects | 1 | Not available. | | |
| Potential delayed effects | 1 | Not available. | | |
| Potential chronic health eff | Potential chronic health effects | | | |
| Not available. | | | | |
| General | : | Once sensitized, a severe allergic reation to very low levels. | ction may occur when subsequently exposed | |
| Carcinogenicity | : | No known significant effects or critical | hazards. | |
| Mutagenicity | : | No known significant effects or critical | | |
| Teratogenicity | : | No known significant effects or critical | | |
| Developmental effects | : | No known significant effects or critical | | |
| Fertility effects | : | No known significant effects or critical | | |
| Numerical measures of toxic | <u>ity</u> : | | | |
| Acute toxicity estimates | - | | | |
| Route | | | ATE value | |
| Inhalation (vapours) Inhalation (dusts and mists) | | | 333.33 mg/l 1.67 mg/l | |

| Route |
|------------------------------|
| Inhalation (vapours) |
| Inhalation (dusts and mists) |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-----------------------------|---------------------|---------|----------|
| hydrocarbons, C9, aromatics | Acute EC50 <10 mg/l | Daphnia | 48 hours |
| | Acute IC50 <10 mg/l | Algae | 72 hours |
| | Acute LC50 <10 mg/l | Fish | 96 hours |

Persistence/degradability

Section 12. Ecological information

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------|-------------------|------------|------------------|
| hydrocarbons, C9, aromatics | - | - | Not readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|--|--------|-----------------|-------------|
| Hexamethylene diisocyanate, oligomers | 5.54 | 367.7 | low |
| n-butyl acetate hydrocarbons, C9, aromatics | | - 10 to 2500 | low high |
| hexamethylene-di-isocyanate | 0.02 | 57.63 | 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. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |
|------------------|--|
| | |

Do not allow to enter drains or watercourses. Material and/or container must be disposed of as hazardous waste.

| | UN | IMDG | ΙΑΤΑ |
|-------------------------------|----------------|---------------------------------|----------------|
| UN number | UN1866 | UN1866 | UN1866 |
| UN proper shipping name | Resin solution | Resin solution | Resin solution |
| Transport hazard class(es) | 3 | 3 | 3 |
| Packing group | 111 | | 111 |
| Environmental hazards | No. | No. | No. |
| Additional information | - | Emergency schedules F-E, S-E | - |

Section 14. Transport information

Additional information

Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

ADR / RID : Tunnel restriction code: (D/E)

Hazard identification number: 30

ADR/RID: Viscous substance. Not restricted, ref. chapter 2.2.3.1.5 (applicable to receptacles < 450 litre capacity).

| Date of issue | : 05.04.2023 |
|---------------|--------------|
| | |

Section 14. Transport information

| IMDG | : | IMDG: Viscous substance. Transport in accordance with paragraph 2.3.2.5 (applicable to receptacles < 450 litre capacity). | |
|--|---|---|--|
| 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. | |
| Transport in bulk according to IMO instruments | : | Not available. | |

Section 15. Regulatory information

Singapore - hazardous chemicals under government control

| Ingredient name | Status |
|-----------------|--------|
| Isocyanates | Listed |

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) |
| | UN = United Nations |
| References | : Not available. |

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.