SAFETY DATA SHEET



Barrier Smart Pack Comp B

Section 1. Identification		
GHS product identifier	: Barrier Smart Pack Comp B	
Other means of identification	: Not available.	
Product code	: 29561	
Product description	: Paint.	
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 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SKIN SENSITISATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
GHS label elements	
Hazard pictograms	
Signal word	: Danger.
Hazard statements	 H226 - Flammable liquid and vapour. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H336 - May cause drowsiness or dizziness. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements	
Prevention	 P280 - Wear protective gloves. Wear eye or face protection. 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.

Section 2. Hazards identification

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. P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
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 ident	<u>tifiers</u>		
CAS number	: Not applicable.		
EC number	: Mixture.		
Product code	: 29561		
Ingredient name		%	CAS number
1-methoxy-2-propanol aminepoxyadduct benzyl alcohol 3-aminomethyl-3,5,5-trim 2-methoxypropanol	ethylcyclohexylamine	≥25 - ≤50 ≤10 ≤5 ≤3 <0.3	107-98-2 1075254-00-0 100-51-6 2855-13-2 1589-47-5

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.

Chemical formula

: Not applicable.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. 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. 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	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4. First aid measures

Indection	Cot modical attention immediately. Call a paison center or physician. Much aut
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Chemical burns must be treated promptly by a physician. 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/e	-
Potential acute health effe	
Eye contact	: Causes serious eye damage.
Inhalation	: May cause drowsiness or dizziness.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
<u>Over-exposure signs/sym</u>	<u>otoms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Indication of immediate med	dical 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 media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. 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.

Section 5. Firefighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
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			
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. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
For emergency responders	1	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	ntai	nment 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 breathe vapour or mist. Do not ingest. 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.

Section 7. Handling and storage

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

Ingredient name	Exposure limits	
1-methoxy-2-propanol	Workplace Safety an (Singapore, 2/2006). PEL (short term): 55 PEL (short term): 15 PEL (long term): 369 PEL (long term): 100	3 mg/m³ 15 minutes. 0 ppm 15 minutes. 9 mg/m³ 8 hours.
Appropriate engineering controls	: Use only with adequate ventilation. Use process enclosures ventilation or other engineering controls to keep worker exportant contaminants below any recommended or statutory limits. Talso need to keep gas, vapour or dust concentrations below limits. Use explosion-proof ventilation equipment.	sure to airborne he engineering controls
Environmental exposure controls	: Emissions from ventilation or work process equipment shoul they comply with the requirements of environmental protection cases, fume scrubbers, filters or engineering modifications to equipment will be necessary to reduce emissions to accepta	on legislation. In some the process
Individual protection meas	<u>ures</u>	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling che eating, smoking and using the lavatory and at the end of the Appropriate techniques should be used to remove potentially Contaminated work clothing should not be allowed out of the contaminated clothing before reusing. Ensure that eyewash showers are close to the workstation location.	working period. contaminated clothing. workplace. Wash
Eye/face protection	: Safety eyewear complying to EN 166 should be used when a indicates this is necessary to avoid exposure to liquid splash dusts. If contact is possible, the following protection should I assessment indicates a higher degree of protection: chemic or face shield. If inhalation hazards exist, a full-face respirate instead.	es, mists, gases or be worn, unless the al splash goggles and/
Skin protection		
Hand protection	 There is no one glove material or combination of materials the resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time The instructions and information provided by the glove manual storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of material. Always ensure that gloves are free from defects and that the correctly. The performance or effectiveness of the glove may be reduce chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the applied once exposure has occurred. 	e of the product. facturer on use, of damage to the glove y are stored and used ed by physical/
Date of issue	· 20 12 2021	5/1

Section 8. Exposure controls/personal protection

	Wear suitable gloves tested to EN374. May be used, gloves(breakthrough time) 4 - 8 hours: nitrile rubber, PVC Recommended, gloves(breakthrough time) > 8 hours: neoprene, 4H, butyl rubber, fluor rubber, Viton®
	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. 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

Appearance		
Physical state	: L	.iquid.
Colour	: 0	Colourless.
Odour	: 0	Characteristic.
Odour threshold	: N	Not available.
рН	: N	Not applicable.
Melting point	: N	Not applicable.
Boiling point		_owest known value: 120.17°C (248.3°F) (1-methoxy-2-propanol). Weighted average: 138.08°C (280.5°F)
Flash point	: 0	Closed cup: 25°C (77°F)
Burning time	: N	Not applicable.
Burning rate	: N	Not applicable.
Evaporation rate		Highest known value: 0.814 (1-methoxy-2-propanol) Weighted average:).68compared with butyl acetate
Flammability (solid, gas)	: N	Not applicable.
Lower and upper explosive (flammable) limits	: 1	1.1 - 14%
Vapour pressure		Highest known value: 1.1 kPa (8.5 mm Hg) (at 20°C) (1-methoxy-2-propanol). Weighted average: 0.96 kPa (7.2 mm Hg) (at 20°C)
Vapour density		Highest known value: 5.1 (Air = 1) (dipropylene glycol methyl ether). Weighted average: 3.34 (Air = 1)
Relative density	: 0	0.908 g/cm³
Solubility	: Ir	nsoluble in the following materials: cold water and hot water.
Solubility in water	: N	Not available.
Partition coefficient: n- octanol/water	: N	Not available.
Auto-ignition temperature	: L	_owest known value: 207°C (404.6°F) (dipropylene glycol methyl ether).
Decomposition temperature	: N	Not available.
SADT	: N	Not available.
Viscosity	K	Dynamic: Highest known value: 1.7 cP (1-methoxy-2-propanol) Kinematic: Highest known value: 3.82 cSt (dipropylene glycol methyl ether) (l7i:sk8g: /pt)

Section 9. Physical and chemical properties

Section 10. Stability and reactivity

Reactivity	1	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	1	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 the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SADT	:	Not available.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
1-methoxy-2-propanol	LD50 Dermal LD50 Oral	Rabbit Rat	13 g/kg 6600 mg/kg	-
benzyl alcohol 3-aminomethyl-	LD50 Oral LD50 Oral	Rat Rat	1230 mg/kg 1030 mg/kg	-
3,5,5-trimethylcyclohexylamine				

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
1-methoxy-2-propanol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	_	mg 500 mg	_
aminepoxyadduct	Eyes - Irritant	Mammal - species unspecified	-	-	-
benzyl alcohol	Eyes - Mild irritant	Mammal - species unspecified	-	-	-
2-methoxypropanol	Eyes - Irritant	Mammal - species unspecified	-	-	-
	Skin - Mild irritant	Mammal - species unspecified	-	-	-

Sensitisation

••••••	Route of exposure	Species	Result
aminepoxyadduct	skin	Mammal - species unspecified	Sensitising
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	skin	Mammal - species unspecified	Sensitising

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Section 11. Toxicological information

Not available.

Specific target organ toxicity (single exposure)

Name			Category	Route of	Target organs
1-methoxy-2-propanol 2-methoxypropanol			Category 3 Category 3	exposure - -	Narcotic effects Respiratory tract irritation
Specific target organ toxici	ty (repeated exposure)	·		·
Not available.					
Aspiration hazard Not available.					
Information on likely routes of exposure	:	Not available.			
Potential acute health effects	<u>s</u>				
Eye contact	:	Causes serious eye dama	ge.		
Inhalation	:	May cause drowsiness or	dizziness.		
Skin contact	:	Causes skin irritation. Ma	y cause an aller	gic skin reaction.	
Ingestion	:	No known significant effec	ts or critical haz	ards.	
Symptoms related to the phy	<u>/sic</u>	cal, chemical and toxicolo	gical character	<u>ristics</u>	
Eye contact	:	Adverse symptoms may ir pain watering redness	nclude the follow	ing:	
Inhalation	:	Adverse symptoms may ir nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	nclude the follow	ving:	
Skin contact	:	Adverse symptoms may ir pain or irritation redness blistering may occur	nclude the follow	ing:	
Ingestion	:	Adverse symptoms may ir stomach pains	clude the follow	ing:	
Delayed and immediate effect	<u>cts</u>	as well as chronic effects	from short and	<u>d long-term expo</u>	<u>sure</u>
<u>Short term exposure</u>					
Potential immediate effects	:	Not available.			
Potential delayed effects	1	Not available.			
Long term exposure					
Potential immediate effects	:	Not available.			
Potential delayed effects	1	Not available.			
Potential chronic health eff Not available.	ect	<u>s</u>			
General	:	Once sensitized, a severe to very low levels.	allergic reactior	n may occur when	subsequently exposed
Carcinogenicity	:	No known significant effec	ts or critical haz	ards.	
Mutagenicity		No known significant effec			
Teratogenicity	:	No known significant effect			
Developmental effects	:	No known significant effect			
Fertility effects		No known significant effect			
Data of issue		20.12.2021			

Section 11. Toxicological information

Numerical measures of toxicity

Acute toxicity estimates

Route

Oral

Inhalation (vapours)

ATE value 4929.65 mg/kg 307.69 mg/l

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
aminepoxyadduct	Acute EC50 8.1 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	Acute EC50 5.7 mg/l Acute LC50 7.9 mg/l Acute EC50 17.4 to 21.5 mg/l Fresh water	Daphnia - Daphnia magna Fish - Oncorhynchus Mykiss Daphnia - Daphnia magna	48 hours 96 hours 48 hours
	Acute IC50 37 mg/l	Algae	72 hours

Persistence/degradability

Product/ingredient name	Test	Result		Dose		Inoculum
aminepoxyadduct	-	0 % - Not r	eadily - 28 days	-		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	gradability
aminepoxyadduct benzyl alcohol 3-aminomethyl- 3,5,5-trimethylcyclohexylamine	- - -		-		Not rea Readily Not rea	y j

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
1-methoxy-2-propanol benzyl alcohol 3-aminomethyl- 3,5,5-trimethylcyclohexylamine	<1 0.87 0.99	- <100 -	low 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 nonrecyclable 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.

Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	Paint	Paint	Paint
Transport hazard class(es)	3	3	3
Packing group			
Environmental hazards	No.	No.	No.
Additional information	-	Emergency schedules F-E, S-E	-

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
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

None.

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 = Internediate 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

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.