

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
Product name	: Jotafloor Rapid Dry WB
UFI	: C2XN-P0P4-H00D-PNK8
Product code	: 7560
Product description	: Paint.
Product type	: Liquid.
Other means of identification	: Not available.
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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use in coatings - Industrial use Use in coatings - Professional use

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

Jotun A/S P.O.Box 2021 3202 Sandefjord Norway

Tel: + 47 33 45 70 00 Fax: +47 33 45 72 42 E-mail: SDSJotun@jotun.no

#### **National contact**

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#### 1.4 Emergency telephone number

Jotun Ibérica S.A. Tel. +34 93 77 11 800 (8.00-17.00)

## **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

#### Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### **SECTION 2: Hazards identification**

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#### 2.2 Label elements

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Hazard pictograms
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Signal word	:	Warning.
Hazard statements	:	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements		
General	4	Not applicable.
Prevention	:	<ul><li>P280 - Wear protective gloves. Wear eye or face protection.</li><li>P273 - Avoid release to the environment.</li><li>P261 - Avoid breathing vapour.</li></ul>
Response	:	<ul> <li>P391 - Collect spillage.</li> <li>P362 + P364 - Take off contaminated clothing and wash it before reuse.</li> <li>P302 + P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.</li> <li>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 - If eye irritation persists: Get medical advice or attention.</li> </ul>
Storage	4	Not applicable.
Disposal	1	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	:	adipohydrazide 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT) 1,2-benzisothiazol-3(2h)-one (BIT) C(M)IT/MIT (3:1) 2-octyl-2h-isothiazol-3-one (OIT)
Supplemental label elements	:	EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	None known.

## **SECTION 3: Composition/information on ingredients**

3.2 Mixtures Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
adipohydrazide	REACH #: 01-2119962900-36 EC: 213-999-5 CAS: 1071-93-8	≤0.3	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	-	[1]
neodecanoic acid, ethenyl ester	REACH #: 01-2119429886-24 EC: 256-905-8 CAS: 51000-52-3	≤0.3	Repr. 2, H361fd Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
Alcohols, C16-18 and C18-unsatd., ethoxylated	EC: 500-236-9 CAS: 68920-66-1	≤0.3	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	ATE [Oral] = 500 mg/kg M [Acute] = 1	[1]
ammonia	REACH #: 01-2119488876-14 EC: 215-647-6 CAS: 1336-21-6	≤0.3	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	STOT SE 3, H335: C ≥ 5% M [Acute] = 1	[1] [2]
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	EC: 264-843-8 CAS: 64359-81-5	<0.1	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 567 mg/kg ATE [Inhalation (dusts and mists)] = $0.16$ mg/l Skin Corr. 1, H314: $C \ge 5\%$ Skin Irrit. 2, H315: $0.025\% \le C < 5\%$ Eye Dam. 1, H318: $C \ge 3\%$ Eye Irrit. 2, H319: $0.025\% \le C < 3\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[1]
1,2-benzisothiazol-3(2h)- one (BIT)	EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	<0.05	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400	ATE [Oral] = 500 mg/kg Skin Sens. 1, H317: C ≥ 0.05% M [Acute] = 1	[1]
C(M)IT/MIT (3:1)	REACH #: 01-2120764691-48 CAS: 55965-84-9 Index: 613-167-00-5	<0.0015	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Oral] = 53 mg/ kg ATE [Dermal] = 50 mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l Skin Corr. 1B, H314: $C \ge 0.6\%$ Skin Irrit. 2, H315:	[1]

Jotafloor Rapid Dry WB					
SECTION 3: Composition/information on ingredients					
2-octyl-2h-isothiazol-3-one (OIT)	EC: 247-761-7 CAS: 26530-20-1 Index: 613-112-00-5	<0.001	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 See Section 16 for the full text of the H statements declared above.	$0.06\% \le C < 0.6\%$ Eye Dam. 1, H318: $C \ge 0.6\%$ Eye Irrit. 2, H319: $0.06\% \le C < 0.6\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100 ATE [Oral] = 100 M[Chronic] = 100 mg/kg ATE [Inhalation (dusts and mists)] = 0.05 mg/l Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[1]

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

This mixture contains  $\geq 1\%$  of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General	1	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Eye contact	1	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	-	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	:	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	:	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
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.

### 4.2 Most important symptoms and effects, both acute and delayed <u>Over-exposure signs/symptoms</u>

## SECTION 4: First aid measures

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.
4.3 Indication of any imm	nediate medical attention and special treatment needed
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

See toxicological information (Section 11)

SECTION 5: Firefighting measures		
5.1 Extinguishing media		
Suitable extinguishing media	: Recommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.	
Unsuitable extinguishing media	: Do not use water jet.	

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

5.2 Special nazarus arising n		
Hazards from the substance or mixture	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.	/
Hazardous combustion products	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.	,
5.3 Advice for firefighters		
Special protective actions for fire-fighters	Cool closed containers exposed to fire with water. Do not release runoff from fir drains or watercourses.	re to
Special protective equipment for fire-fighters	Appropriate breathing apparatus may be required.	

### **SECTION 6: Accidental release measures**

6.1 Personal precautions, pre	equipment and emergency procedu	res
For non-emergency personnel	de sources of ignition and ventilate th to protective measures listed in sect	e area. Avoid breathing vapour or mist. ons 7 and 8.
For emergency responders	cialised clothing is required to deal w nation in Section 8 on suitable and ur nation in "For non-emergency person	suitable materials. See also the
6.2 Environmental precautions	ot allow to enter drains or watercourse , or sewers, inform the appropriate a ations.	es. If the product contaminates lakes, athorities in accordance with local
6.3 Methods and material for containment and cleaning up	, vermiculite or diatomaceous earth a	ustible, absorbent material e.g. sand, nd place in container for disposal 13). Preferably clean with a detergent.

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### **SECTION 6: Accidental release measures**

# 6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

### **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 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. 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.

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

Store in accordance with local regulations.

#### Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

#### Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed.

Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### **Seveso Directive - Reporting thresholds**

#### Danger criteria

	Notification and MAPP threshold	Safety report threshold
E2	200 tonne	500 tonne

See Technical Data Sheet / packaging for further information.

#### 7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

### **SECTION 8: Exposure controls/personal protection**

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

**Occupational exposure limits** 

## **SECTION 8: Exposure controls/personal protection**

Exposure limit values		
National institute of occupational safety and health (Spain, 4/2021). TWA: 20 ppm 8 hours. TWA: 14 mg/m <sup>3</sup> 8 hours.		
STEL: 50 ppm 15 minutes. STEL: 36 mg/m <sup>3</sup> 15 minutes.		

European Standard EN 689 (Workplace atmospheres - Guidance for the procedures assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
adipohydrazide	DNEL	Long term	17.5 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			
neodecanoic acid, ethenyl ester	DNEL	Long term	5 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Short term	1130 mg/	Workers	Systemic
		Inhalation	m³		
	DNEL	Short term	1130 mg/	Workers	Local
		Inhalation	m³ Ö		
	DNEL	Long term Dermal	1.67 mg/	Workers	Systemic
			kg bw/day		- ,
	DNEL	Long term	2.5 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
				[Consumers]	
	DNEL	Short term	565 mg/m <sup>3</sup>	General	Systemic
		Inhalation	550 mg/m	population	
				[Consumers]	
	DNEL	Long term Dermal	0.835 mg/	General	Systemic
	DINLL	Long term Derma	kg bw/day	population	Systemic
			Ky DW/day	[Consumers]	
	DNEL	Long term Oral	0.833 mg/	General	Systemic
	DINEL	Long term Oral	U U		Systemic
			kg bw/day	population	
			0.000	[Consumers]	O. un farma in
	DNEL	Long term Oral	0.833 mg/	General	Systemic
	DUE		kg bw/day	population	
	DNEL	Long term Dermal	0.835 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Dermal	1.67 mg/	Workers	Systemic
			kg bw/day	<b>•</b> •	
	DNEL	Long term	2.5 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
	DNEL	Long term	5 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Short term	565 mg/m³	General	Systemic
		Inhalation		population	
	DNEL	Short term	1130 mg/	Workers	Local
		Inhalation	m³		
	DNEL	Short term	1130 mg/	Workers	Systemic
		Inhalation	m³ Ö		
Alcohols, C16-18 and C18-unsatd.,	DNEL	Long term Oral	25 mg/kg	General	Systemic
ethoxylated			bw/day	population	
				F - F	

Date of issue/Date of revision

ECTION 8: Exposure controls/personal protection						
	DNEL	Long term	87 mg/m <sup>3</sup>	General	Systemic	
		Inhalation	-	population		
	DNEL	Long term Inhalation	294 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Dermal	1250 mg/ kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	2080 mg/ kg bw/day	Workers	Systemic	
1,2-benzisothiazol-3(2h)-one (BIT)	DNEL	Long term Dermal	0.345 mg/ kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	0.966 mg/ kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	1.2 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Inhalation	6.81 mg/m <sup>3</sup>	Workers	Systemic	
C(M)IT/MIT (3:1)	DNEL	Long term Inhalation	0.02 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	0.02 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	0.04 mg/m <sup>3</sup>	General population	Local	
	DNEL	Short term Inhalation	0.04 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Long term Oral	0.09 mg/ kg bw/day	General population	Systemic	
	DNEL	Short term Oral	0.11 mg/ kg bw/day	General population	Systemic	

#### **PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
neodecanoic acid, ethenyl ester		0.00084 mg/l 0.00003 mg/l 5 mg/l	- - -

8.2 Exposure controls	
Appropriate engineering controls	: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
Individual protection meas	ures
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	

### **SECTION 8: Exposure controls/personal 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.

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.

#### <u>Gloves</u>

Wear suitable gloves tested to ISO 374-1:2016.

Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber (> 0.4 mm), neoprene (> 0.35 mm), PVC (> 0.5 mm)

May be used, gloves(breakthrough time) 4 - 8 hours: polyvinyl alcohol (PVA) (> 0.3 mm), 4H/Silver Shield® (> 0.07 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	: Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.
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	: If workers are exposed to concentrations above the exposure limit, they must use a respirator according to EN 140. Use respiratory mask with charcoal and dust filter when spraying this product, according to EN 14387 (as filter combination A2-P2). In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush, consider use of charcoalfilter.
Environmental exposure controls	: Do not allow to enter drains or watercourses.

### **SECTION 9: Physical and chemical properties**

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

#### 9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Colour	: A-base, B-base, C-base, Red
Odour	: Characteristic.
Odour threshold	: Not applicable.
Melting point/freezing point	: 0
Initial boiling point and boiling range	: Lowest known value: 100°C (212°F) (water). Weighted average: 122.56°C (252.6°F)
Flammability	: Not applicable.
Lower and upper explosion limit	: 0.6 - 12.6%
Flash point	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
рН	: 8 to 10

### **SECTION 9: Physical and chemical properties**

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Viscosity	ematic (40°C): >20.5 mm²/s	
Solubility in water	l water Easily soluble water Easily soluble	
Partition coefficient: n-octanol/ water	available.	
Vapour pressure	hest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water) rage: 2.6 kPa (19.5 mm Hg) (at 20°C)	. Weighted
Evaporation rate	hest known value: 0.36 (water)  Weighted average: 0.32co tate	mpared with butyl
Density	7 to 1.24 g/cm³	
Vapour density	hest known value: 7.5(Air = 1)(propanoic acid, 2-methyl- 4-trimethyl-1,3-pentanediol). Weighted average: 4.81(Air	
Explosive properties	available.	
Oxidising properties	available.	
Particle characteristics		
Median particle size	applicable.	

#### 9.2 Other information

No additional information.

### **SECTION 10: Stability and reactivity**

10.1 Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
10.3 Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	1	When exposed to high temperatures may produce hazardous decomposition products.
10.5 Incompatible materials	1	Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ammonia	LD50 Oral	Rat	350 mg/kg	-
1,2-benzisothiazol-3(2h)- one (BIT)	LC50 Inhalation Dusts and mists	Rat	40 mg/l	4 hours
	LD50 Oral	Rat	485 mg/kg	-
C(M)IT/MIT (3:1)	LD50 Oral	Rat	53 mg/kg	-
2-octyl-2h-isothiazol-3-one (OIT)	LD50 Dermal	Rabbit	690 mg/kg	-
	LD50 Dermal LD50 Oral	Rabbit Rat	690 mg/kg 550 mg/kg	-

#### Acute toxicity estimates

### **SECTION 11: Toxicological information**

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Alcohols, C16-18 and C18-unsatd., ethoxylated	500	N/A	N/A	N/A	N/A
4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)	567	N/A	N/A	N/A	0.16
1,2-benzisothiazol-3(2h)-one (BIT)	500	N/A	N/A	N/A	N/A
C(M)IT/MIT (3:1)	53	50	N/A	0.5	N/A
2-octyl-2h-isothiazol-3-one (OIT)	100	690	N/A	N/A	0.05

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Alcohols, C16-18 and C18-unsatd., ethoxylated	Skin - Mild irritant	Mammal - species unspecified	-	-	-
ammonia	Eyes - Severe irritant	Rabbit	-	0.5 minutes 1 milligrams	-
	Eyes - Severe irritant	Rabbit	-	250 Micrograms	-
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	Eyes - Severe irritant	Mammal - species unspecified	-	-	-
	Skin - Severe irritant	Mammal - species unspecified	-	-	-
1,2-benzisothiazol-3(2h)-one (BIT)	Eyes - Irritant	Mammal - species unspecified	-	-	-
	Skin - Mild irritant	Mammal - species unspecified	-	-	-

#### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	skin	Mammal - species unspecified	Sensitising
1,2-benzisothiazol-3(2h)- one (BIT)	skin	Mouse	Sensitising
C(M)IT/MIT (3:1)	skin	Mammal - species unspecified	Sensitising
2-octyl-2h-isothiazol-3-one (OIT)	skin	Mammal - species unspecified	Sensitising

#### **Mutagenicity**

No known significant effects or critical hazards.

#### **Carcinogenicity**

No known significant effects or critical hazards.

#### Reproductive toxicity

- **Developmental effects** : No known significant effects or critical hazards.
- Fertility effects : No known significant effects or critical hazards.

#### **Teratogenicity**

No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

SECTION 11: Toxicological information					
Product/ingredient name	Category	Route of exposure	Target organs		
ammonia	Category 3	-	Respiratory tract irritation		

#### Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### **11.2 Information on other hazards**

#### **11.2.1 Endocrine disrupting properties**

Not available.

11.2.2 Other information

Not available.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Alcohols, C16-18 and C18-unsatd., ethoxylated	Acute LC50 1.3 mg/l	Fish	96 hours
ammonia	Acute EC50 0.101 mg/l Fresh water	Daphnia	96 hours
	Acute LC50 0.89 mg/l Fresh water	Fish	96 hours
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	Acute EC50 0.0057 mg/l	Crustaceans - Daphnia magna	48 hours
	Acute LC50 0.014 mg/l	Fish - Lepomis macrochirus	96 hours
	Acute LC50 0.0027 mg/l	Fish - Onchorhynchus mykiss	96 hours
	Chronic NOEC 0.00056 mg/l	Fish	97 days
1,2-benzisothiazol-3(2h)-one (BIT)	Acute EC50 0.15 mg/l	Algae - Slenastrum capricornutum	72 hours
	Acute EC50 1.05 mg/l	Crustaceans - Daphnia magna	96 hours
	Acute LC50 1.4 mg/l	Fish - Onchorhynchus mykiss	96 hours
C(M)IT/MIT (3:1)	Acute EC50 0.048 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 0.0052 mg/l	Algae - Skeletonema costatum	48 hours
	Acute EC50 0.1 mg/l	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.22 mg/l	Fish - Oncorhynchus mykiss	96 hours
	Acute NOEC 0.00064 mg/l	Algae - Skeletonema costatum	48 hours
	Chronic NOEC 0.0012 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Chronic NOEC 0.004 mg/l	Daphnia - Daphnia magna	21 days
	Chronic NOEC 0.098 mg/l	Fish - Oncorhynchus mykiss	28 days
2-octyl-2h-isothiazol-3-one (OIT)	Acute EC50 0.084 mg/l	Algae - Scenedesmus subspicatus	72 hours
, ,	Acute EC50 0.32 mg/l	Daphnia	48 hours
	Acute LC50 0.047 mg/l	Fish	96 hours

**Conclusion/Summary** 

: This material is toxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

Conclus	sion/Sumn	nary
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: Not available.

SECTION 12: Ecological information				
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability	
neodecanoic acid, ethenyl ester	-	-	Not readily	
ammonia 4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	-	-	Readily Readily	
C(M)IT/MIT (3:1)	-	-	Not readily	

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
neodecanoic acid, ethenyl ester	4.9	1100 to 1390	high
Alcohols, C16-18 and C18-unsatd., ethoxylated	4.2	-	high
ammonia	<1	-	low
C(M)IT/MIT (3:1)	-	3.16	low
2-octyl-2h-isothiazol-3-one (OIT)	2.45	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

### **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

<u>Product</u>	
Methods of disposal	: 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.
Hazardous waste	: Yes.
Disposal considerations	<ul> <li>Do not allow to enter drains or watercourses.</li> <li>Dispose of according to all federal, state and local applicable regulations.</li> <li>If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.</li> <li>For further information, contact your local waste authority.</li> </ul>

#### European waste catalogue (EWC)

Date of issue/Date of revision         : 23.03.2023         Date of previous issue         : No previous validation         Version         : 1         1	Date of issue/Date of revision	: 23.03.2023	Date of previous issue	: No previous validation	Version	:1	13/23
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### **SECTION 13: Disposal considerations**

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances
Packaging	
Methods of disposal	<ul> <li>The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.</li> </ul>
Disposal considerations	<ul> <li>Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned.</li> <li>Dispose of containers contaminated by the product in accordance with local or national legal provisions.</li> </ul>
Type of packaging	European waste catalogue (EWC)
CEPE Guidelines	15 01 10* packaging containing residues of or contaminated by hazardous substances
Special precautions	: 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

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number or ID number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (paint)	Environmentally hazardous substance, liquid, n.o.s. (paint)	Environmentally hazardous substance, liquid, n.o.s. (paint). Marine pollutant (neodecanoic acid, ethenyl ester)	Environmentally hazardous substance, liquid, n.o.s. (paint)
14.3 Transport hazard class(es)	9	9	9	
14.4 Packing group	111	111	111	111
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes.
Additional information	tion			
ADR/RID	or ≤5 kg, pı and 4.1.1.4	ovided the packagings n to 4.1.1.8. <b>ntification number</b> 90	angerous good when train neet the general provisio	
ADN		ovided the packagings n	angerous good when train neet the general provisio	
IMDG			angerous good when trai neet the general provisio	

and 4.1.1.4 to 4.1.1.8. <u>Emergency schedules</u> F-A, S-F

Date of issue/Date of revision : 23.0	03.2023 Date of previous issue	: No previous validation Ve	ersion	: 1	14/23
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### **SECTION 14: Transport information**

ΙΑΤΑ	:	This product is not regulated as a dangerous good when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.
14.6 Special precautions for user	:	<b>Transport within user's premises:</b> 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.
14.7 Maritime transport in bulk according to IMO instruments	:	Not available.

### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulation	ons/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)	

#### Annex XIV - List of substances subject to authorisation

#### **Annex XIV**

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable.	
Other EU regulations		
VOC	The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.	
VOC for Ready-for-Use Mixture	Not available.	
Industrial emissions (integrated pollution prevention and control) - Air	Not listed	
Industrial emissions (integrated pollution prevention and control) - Water	Not listed	
Ozone depleting substanc	<u>1005/2009/EU)</u>	
Not listed.		
Prior Informed Consent (P Not listed.	(649/2012/EU)	
Persistent Organic Polluta Not listed.		
Seveso Directive		

This product may add to the calculation for determining whether a site is within the scope of the Seveso Directive on major accident hazards.

#### **National regulations**

### **SECTION 15: Regulatory information**

Industrial use	: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
International regulations	
Chemical Weapon Conver	ntion List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol Not listed.	
Stockholm Convention or Not listed.	<u>n Persistent Organic Pollutants</u>
Rotterdam Convention on Not listed.	Prior Informed Consent (PIC)
UNECE Aarhus Protocol o	on POPs and Heavy Metals

Not listed.

**15.2 Chemical safety** : Not applicable.

assessment

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

#### Full text of abbreviated H statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### **SECTION 16: Other information**

H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
EUH071	Corrosive to the respiratory tract.	

#### Full text of classifications [CLP/GHS]

Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Corr. 1	SKIN CORROSION/IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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#### 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.

SUMI Safe Use of Mixtures Information



This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

#### General description of the process covered

Indoor spray painting by professionals with efficient ventilation such as spray booth or local exhaust ventilation

This safe use information is linked to SWED no.

: Professional spray painting, near-industrial setting Jotun\_CEPE\_PW\_01\_ABCA

#### **Product category(ies)**

Jotun\_CEPE\_PW\_01\_ABCA : Coatings and paints, thinners, paint removers

### **Operational conditions**

**Place of use** 

#### : Indoor use

#### Risk management measures (RMM)

Contributing activity	Process category	Maximum duration	Ventilatio	on	Respiratory	Eye	Hands
	(ies)	duration	Туре	ach (air changes per hour)			
Preparation of material for application	PROC05	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Loading of application equipment and handling of coated parts before curing	PROC08a	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Professional application of coatings and inks by spraying	PROC11	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Film formation - force drying, stoving and other technologies	PROC04	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	None	None	None
Cleaning	PROC05	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Waste management	PROC08a	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.

See chapter 8 of this Safety Data Sheet for specifications.



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#### General description of the process covered

Indoor painting by professionals with brush, roller, putty knife etc. with enhanced ventilation or LEV

This safe use information is linked to SWED no.

: Professional low-energy painting, near-industrial setting Jotun\_CEPE\_PW\_02\_ACBA

#### **Product category(ies)**

: Coatings and paints, thinners, paint removers

#### **Operational conditions**

**Place of use** 

: Indoor use

#### Risk management measures (RMM)

Contributing activity	Process	Maximum duration	Ventilatio	on	Respiratory	Eye	Hands
	category (ies)	duration	Туре	ach (air changes per hour)			
Preparation of material for application	PROC05	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Loading of application equipment and handling of coated parts before curing	PROC08a	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Professional application of coatings and inks by brush or roller	PROC10	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Film formation - air drying	PROC04	More than 4 hours	Enhanced (mechanical) room ventilation	5 - 10	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Cleaning	PROC05	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Waste management	PROC08a	More than 4 hours	Local exhaust ventilation	Refer to relevant technical standards	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.

See chapter 8 of this Safety Data Sheet for specifications.



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#### General description of the process covered

Indoor spray painting by professionals for specialist applications, with good general room ventilation plus respiratory protection

Coatings and paints, thinners, paint removers

This safe use information is linked to Professional spray painting, indoor (Level II) 5 Jotun CEPE PW 03b AABA SWED no.

#### Product category(ies)

Place of use

### **Operational conditions**

Risk management measures (RMM)

#### Indoor use

#### Ventilation **Contributing activity** Process Maximum Respiratory Eye Hands duration category (ies) Туре ach (air changes per hour) Preparation of material PROC05 3 - 5 None Use eye Wear suitable More than 4 Good general protection gloves tested to room ventilation for application hours according to EN ISO 374-1:2016. 166 Loading of application PROC08a More than 4 Good general 3 - 5 None Use eye Wear suitable protection equipment and hours room ventilation gloves tested to handling of coated according to EN ISO 374-1-2016 parts before curing 166. Professional PROC11 More than 4 Good general 3 - 5 Wear a respirator Use eye Wear suitable protection application of coatings hours room ventilation conforming to gloves tested to EN140 with an according to EN ISO 374-1:2016. and inks by spraying assigned 166 protection factor of at least 10. Film formation - force PROC04 More than 4 Good general 3 - 5 None None None drying, stoving and room ventilation hours other technologies Cleaning PROC05 More than 4 Good general 3 - 5 None Use eye Wear suitable hours room ventilation protection gloves tested to according to EN ISO 374-1:2016. 166 Waste management PROC08a More than 4 3 - 5 Wear suitable Good general None Use eye hours room ventilation protection gloves tested to ISO 374-1:2016. according to EN 166.

See chapter 8 of this Safety Data Sheet for specifications.



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#### General description of the process covered

Indoor painting by professionals with brush or roller, with good general room ventilation (open doors/windows)

This safe use information is linked to SWED no.

: Professional painting, indoor brush/roller Jotun\_CEPE\_PW\_04\_AAAA

#### **Product category(ies)**

Jotun\_CEPE\_PW\_04\_AAAA : Coatings and paints, thinners, paint removers

### **Operational conditions**

#### : Indoor use

#### Place of use Risk management measures (RMM)

ca	Process Maximu category duratio (ies)	Maximum	Ventilation		Respiratory	Eye	Hands
		duration	Туре	ach (air changes per hour)			
Preparation of material for application	PROC05	More than 4 hours	Good general room ventilation	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Loading of application equipment and handling of coated parts before curing	PROC08a	More than 4 hours	Good general room ventilation	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Professional application of coatings and inks by brush or roller	PROC10	More than 4 hours	Good general room ventilation	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Film formation - force drying, stoving and other technologies	PROC04	More than 4 hours	Good general room ventilation	3 - 5	None	None	None
Cleaning	PROC05	More than 4 hours	Good general room ventilation	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Waste management	PROC08a	More than 4 hours	Good general room ventilation	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.

See chapter 8 of this Safety Data Sheet for specifications.



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SUMI Safe Use of Mixtures Information

### Jotafloor Rapid Dry WB

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

#### General description of the process covered

Outdoor spray painting by professionals for specialist applications, with respiratory protection

This safe use information is linked to SWED no.

Risk management measures (RMM)

: Professional spray painting, outdoor (Level II) Jotun\_CEPE\_PW\_05b\_AEBA

#### **Product category(ies)**

Jotun\_CEPE\_PW\_05b\_AEBA : Coatings and paints, thinners, paint removers

#### **Operational conditions**

**Place of use** 

: Outdoor use

Contributing activity	Process category (ies)	Maximum duration	Ventilation		Respiratory	Eye	Hands
			Туре	ach (air changes per hour)			
Preparation of material for application	PROC05	More than 4 hours	Outdoors	3 - 5	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Loading of application equipment and handling of coated parts before curing	PROC08a	More than 4 hours	Outdoors	3 - 5	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Professional application of coatings and inks by spraying	PROC11	More than 4 hours	Outdoors	3 - 5	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Film formation - force drying, stoving and other technologies	PROC04	More than 4 hours	Outdoors	3 - 5	None	None	Wear suitable gloves tested to ISO 374-1:2016.
Cleaning	PROC05	More than 4 hours	Outdoors	3 - 5	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Waste management	PROC08a	More than 4 hours	Outdoors	3 - 5	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10.	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.

See chapter 8 of this Safety Data Sheet for specifications.



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This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

#### General description of the process covered

Outdoor painting by professionals with brush or roller

This safe use information is linked to	1	Professio
SWED no.		Jotun_CE

**Product category(ies)** 

onal painting, outdoor brush/roller EPE\_PW\_06\_AEAA

**Place of use** 

: Coatings and paints, thinners, paint removers

#### **Operational conditions**

: Outdoor use

#### **Risk management measures (RMM)**

Contributing activity	Process category (ies)	Maximum duration	Ventilation		Respiratory	Eye	Hands
			Туре	ach (air changes per hour)			
Preparation of material for application	PROC05	More than 4 hours	Outdoors	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Loading of application equipment and handling of coated parts before curing	PROC08a	More than 4 hours	Outdoors	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Professional application of coatings and inks by brush or roller	PROC10	More than 4 hours	Outdoors	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Film formation - force drying, stoving and other technologies	PROC04	More than 4 hours	Outdoors	3 - 5	None	None	None
Cleaning	PROC05	More than 4 hours	Outdoors	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.
Waste management	PROC08a	More than 4 hours	Outdoors	3 - 5	None	Use eye protection according to EN 166.	Wear suitable gloves tested to ISO 374-1:2016.

See chapter 8 of this Safety Data Sheet for specifications.



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