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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

# SAFETY DATA SHEET

WEATHERSHIELD SMOOTH MASONRY PAINT

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

1.1 Product identifier	
GHS product identifier	: 🔽 WEATHERSHIELD SMOOTH MASONRY PAINT
1.2. Relevant identified us	es of the substance or mixture and uses advised against
Product use	: Waterborne coating for exterior use.
1.3. Details of the supplie	r of the safety data sheet
	ICI Paints AkzoNobel, Wexham Road, Slough, Berkshire, SL2 5DS, U.K. Tel.: +44 (0) 333 222 70 70 www.duluxtrade.co.uk
e-mail address of person responsible for this SDS	: duluxtrade.advice@akzonobel.com
1.4 Emergency telephone National advisory body/	

INALIONAL AUVISOLY DOUG/FOR	son centre
Telephone number	: +44 (0)344 892 0111
<u>Supplier</u>	
Telephone number	: Emergency Telephone : Slough +44 (0) 1753 550000
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## **SECTION 2: Hazards identification**

2.1 Classification of the subs	stance or mixtu	re				
Product definition	: Mixture					
Classification according to Skin Sens. 1, H317	Regulation (EC	<u>;) No. 1272/2008 [CLF</u>	<u>P/GHS]</u>			
Aquatic Chronic 3, H412						
The product is classified as ha	azardous accord	ling to Regulation (EC	) 1272/2008 as amended			
See Section 16 for the full text	t of the H staten	nents declared above.				
See Section 11 for more detail	iled information	on health effects and	symptoms.			
2.2 Label elements						
Signal word	: No signal we	ord.				
Hazard statements	: H412 - Harr	nful to aquatic life with	long lasting effects.			
Precautionary statements						
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## **SECTION 2: Hazards identification**

General	:	P102 - Keep out of reach of children. P101 - If medical advice is needed, have product container or label at hand.
Prevention	:	P273 - Avoid release to the environment.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.
Supplemental label elements	:	Contains 1,2-benzisothiazol-3(2H)-one, C(M)IT/MIT(3:1) and 2-methyl-2H-isothiazol- 3-one. May produce an allergic reaction. 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	:	
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	: Mixture	-			
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≥10 - ≤15	Carc. 2, H351 (inhalation)	-	[1] [*]
bronopol (INN)	EC: 200-143-0 CAS: 52-51-7 Index: 603-085-00-8	≤0.1	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400	ATE [Oral] = 500 mg/kg ATE [Dermal] = 1100 mg/kg M [Acute] = 10	[1]
IPBC	EC: 259-627-5 CAS: 55406-53-6 Index: 616-212-00-7	<0.1	Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1,	ATE [Oral] = 500 mg/kg ATE [Inhalation (gases)] = 700 ppm M [Acute] = 10 M [Chronic] = 1	[1]
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#### **SECTION 3: Composition/information on ingredients**

			H410		
isoproturon (ISO)	EC: 251-835-4 CAS: 34123-59-6 Index: 006-044-00-7	≤0.05	Carc. 2, H351 STOT RE 2, H373 (blood) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 10 M [Chronic] = 10	[1]
1,2-benzisothiazol-3(2H)- one	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]
terbutryn	EC: 212-950-5 CAS: 886-50-0 Index: self classification	≤0.016	Acute Tox. 4, H302 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/kg M [Acute] = 100 M [Chronic] = 100	[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. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Oral] = 100 mg/kg ATE [Dermal] = 50 mg/kg ATE [Inhalation (dusts and mists)] = $0.05$ mg/l Skin Corr. 1C, H314: C $\geq 0.6\%$ Skin Irrit. 2, H315: $0.06\% \leq C < 0.6\%$ Eye Dam. 1, H318: C $\geq 0.6\%$ Eye Irrit. 2, H319: $0.06\% \leq C < 0.6\%$ Skin Sens. 1, H317: C $\geq 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[1]
methylisothiazolinone	EC: 220-239-6 CAS: 2682-20-4 Index: self classification	<0.0015	Acute Tox. 3, H301 Acute Tox. 3, H311 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 See Section 16 for	ATE [Oral] = 100 mg/kg ATE [Dermal] = 300  mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 10 M [Chronic] = 1	[1]
			the full text of the H statements declared above.		

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.

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

#### Туре

[1] Substance classified with a health or environmental hazard

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

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

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2-octyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, C(M)IT/MIT(3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.

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Lange environe
d measures
: No specific data.
: Adverse symptoms may include the following: irritation redness
: No specific data.
iate medical attention and special treatment needed
<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
: No specific treatment.
ting measures
: Use an extinguishing agent suitable for the surrounding fire.
: None known.
from the substance or mixture
: In a fire or if heated, a pressure increase will occur and the container may burst. 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: carbon dioxide carbon monoxide metal oxide/oxides
<ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident i there is a fire. No action shall be taken involving any personal risk or without suitable training.</li> </ul>
: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	Evacuate su entering. Do mist. Provid	rrounding areas. Kee o not touch or walk thro le adequate ventilation	any personal risk or wit o unnecessary and unp ough spilt material. Avo . Wear appropriate res rsonal protective equip	protected perso bid breathing v spirator when v	onnel fro apour o	r
For emergency responders	:	information i		o deal with the spillage, e and unsuitable materi personnel".			
6.2 Environmental precautions	:	and sewers. pollution (sev	Inform the relevant a	d runoff and contact wi uthorities if the product or air). Water polluting rge quantities.	has caused e	nvironm	ental
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#### **SECTION 6: Accidental release measures**

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

Small spill	: Stop leak if without risk. Move containers from spill area. 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. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
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.

#### 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 8.2 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

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

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

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

Product/ingredient name	Exposure limit values
diuron (ISO)	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m <sup>3</sup> 8 hours.
procedures atmosphere of the ventila protective ex the following the assessm limit values a atmosphere of exposure (Workplace for the meas	ct contains ingredients with exposure limits, personal, workplace or biological monitoring may be required to determine the effectiveness ation or other control measures and/or the necessity to use respiratory quipment. Reference should be made to monitoring standards, such as :: European Standard EN 689 (Workplace atmospheres - Guidance for nent of exposure by inhalation to chemical agents for comparison with and measurement strategy) European Standard EN 14042 (Workplace s - Guide for the application and use of procedures for the assessment to chemical and biological agents) European Standard EN 482 atmospheres - General requirements for the performance of procedures surement of chemical agents) Reference to national guidance for methods for the determination of hazardous substances will also be

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
diuron (ISO)	DNEL	Long term Inhalation	0.17 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	5.79 mg/ kg bw/day	Workers	Systemic
pronopol (INN)	DNEL	Short term Dermal	0.004 mg/	General population	Local
	DNEL	Long term Dermal	0.004 mg/	General	Local
	DNEL	Short term Dermal	cm <sup>2</sup> 0.008 mg/	population Workers	Local
	DNEL	Long term Dermal	cm <sup>2</sup> 0.008 mg/ cm <sup>2</sup>	Workers	Local
	DNEL	Long term Oral	0.18 mg/ kg bw/day	General population	Systemic
	DNEL	Short term Oral	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.6 mg/m <sup>3</sup>	General	Local
	DNEL	Long term Inhalation	0.6 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.7 mg/kg bw/day	General	Systemic
	DNEL	Short term Inhalation	1.8 mg/m <sup>3</sup>	General	Systemic
	DNEL	Long term Dermal	2 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	2.1 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	2.5 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	2.5 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	3.5 mg/m³	Workers	Systemic
	DNEL	Short term Dermal	6 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	10.5 mg/m <sup>3</sup>	Workers	Systemic
pyrithione zinc	DNEL	Long term Dermal	0.01 mg/	Workers	Systemic

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

<b>I</b>		I			
1,2-benzisothiazol-3(2H)-one	DNEL	Long term Dermal	kg bw/day 0.345 mg/	General	Systemic
	DNEL	Long term Dermal	kg bw/day 0.966 mg/	population Workers	Systemic
	DNEL	Long term Inhalation	kg bw/day 1.2 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	6.81 mg/m³	Workers	Systemic
C(M)IT/MIT(3:1)	DNEL	Long term Inhalation	0.02 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.02 mg/m³		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
methylisothiazolinone	DNEL	Long term Inhalation	0.021 mg/ m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	0.021 mg/ m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/ kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/ m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/ m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/ kg bw/day	General population	Systemic

#### **PNECs**

No PNECs available

#### 8.2 Exposure controls

Appropriate engineering controls	Good general ventilation should be sufficient to control worker exposure to ontaminants.	airborne
Individual protection measu		
Hygiene measures	Vash hands, forearms and face thoroughly after handling chemical produ- efore eating, smoking and using the lavatory and at the end of the workin ppropriate techniques should be used to remove potentially contaminated contaminated work clothing should not be allowed out of the workplace. V ontaminated clothing before reusing. Ensure that eyewash stations and s howers are close to the workstation location.	g period. d clothing. Vash
Eye/face protection	afety eyewear complying with an approved standard should be used whe ssessment indicates this is necessary to avoid exposure to liquid splashe ases or dusts. If contact is possible, the following protection should be w nless the assessment indicates a higher degree of protection: safety glas ide-shields.	es, mists, orn,
Skin protection		

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

Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
	When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time >480 minutes according to EN374) is recommended. Recommended gloves: Viton ® or Nitrile, thickness $\geq$ 0.38 mm. When only brief contact is expected, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness $\geq$ 0.12 mm. Gloves should be replaced regularly and if there is any sign of damage to the glove material.
	The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.
	The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **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 Colour	: Liquid. : Various: See label.		
Odour	: Not available.		
Odour threshold	: Not available.		
Melting point/freezing point	: Not available.		
Boiling point, initial boiling point, and boiling range	: 100°C (212°F)		
Flammability	: Not available.		
Lower and upper explosion limit	: Not available.		
Flash point	: Not available.		
Auto-ignition temperature	:		
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## **SECTION 9: Physical and chemical properties**

Ingredient name	°C	°F	Method	
2-(2-butoxyethoxy)ethanol	210	410	DIN 51794	
2-ethylhexyl acrylate	252	485.6		
n-butyl acrylate	275	527		
2-(2-butoxyethoxy)ethyl acetate	290	554		
Cellulose, 2-hydroxyethyl ether	380	716		
isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	393	739.4		
Methyl methacrylate	400	752	DIN 51794	
diuron (ISO)	401	753.8	EU A.16	
vinyl acetate	402	755.6		
sodium acrylate	438	820.4		
ethanol	455	851	DIN 51794	
acetic acid	463	865.4		
styrene	490	914		
p-toluenesulphonic acid, containing a maximum of 5 % H2SO4	>465	>869	EU A.15	
m-xylene	527	980.6		

Decomposition temperature	: Not available.				
рН	<b>H</b> : 8 [Conc. (% w/w): 100%] [DIN EN 1262]				
Viscosity	: Kinematic: 544 mm²/s [DIN EN ISO 3219]				
Solubility(ies)	:				
Media		Result			
cold water		Soluble [OESO (TG 105)]			

Partition coefficient: n-octanol/ : Not applicable. water

:

#### Vapour pressure

	Vapour Pressure at 20°C			Vapour pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
ammonia	360.03	48				
vinyl acetate	84.76	11.3				
ethanol	42.95	5.7				
Methyl methacrylate	27.75	3.7				
water	23.8	3.2				
acetic acid	15.59	2.1				
styrene	6.4	0.85				
m-xylene	6	0.8				
n-butyl acrylate	3.75	0.5				
2-ethylhexyl acrylate	0.18	0.024				
Distillates (petroleum), solvent- refined heavy paraffinic	<0.08	<0.011	ASTM D 5191			
Distillates (petroleum), hydrotreated heavy paraffinic	<0.08	<0.011	ASTM D 5191			

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

	beomon 5.1 mysical and chemical properties						
	2-(2-butoxyethoxy)ethanol	0.022	0.0029				
	1-isopropyl- 2,2-dimethyltrimethylene diisobutyrate	<0.011	<0.0015	EU A.4			
	isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	0.0098	0.0013	EU A.4			
	Poly(oxy-1,2-ethanediyl),α-hydro- ω-hydroxy- Ethane-1,2-diol, ethoxylated	0.0000003	0.00000004				
	pyrithione zinc	<0.00000008	<0.000000011	OECD 104			
	diuron (ISO)	0.000000006	0.000000008	OECD 104	0.0000013	0.00000017	OECD 104
	propylidynetrimethanol	0	0				
	bronopol (INN)	0	0		0	0	
	C(M)IT/MIT(3:1)	0	0				
	2-(2-butoxyethoxy)ethyl acetate	0	0				
F	Relative density	: 1.289					
C	Density	: 1.288	g/cm³ [DIN I	EN ISO 2811-1]			
۷	apour density	: Not a	vailable.				
_	Particle characteristics						
Median particle size : Not applicable.							
	Percentage of particles with aerodynamic diameter ≤ 10						

μm

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	: The product is stable.			
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.			
10.4 Conditions to avoid	: No specific data.			
10.5 Incompatible materials	: No specific data.			
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.			

## **SECTION 11: Toxicological information**

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008				
Acute toxicity				
<b>Conclusion/Summary</b>	: Not available.			
Acute toxicity estimates				

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## **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)
diuron (ISO)	500	N/A	N/A	N/A	N/A
bronopol (INN)	500	1100	N/A	N/A	N/A
OIT	100	300	N/A	N/A	0.05
pyrithione zinc	100	N/A	N/A	N/A	0.05
1,2-benzisothiazol-3(2H)-one	500	N/A	N/A	N/A	N/A
C(M)IT/MIT(3:1)	100	50	N/A	N/A	0.05
methylisothiazolinone	100	300	N/A	0.5	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
bronopol (INN)	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Human	-	10 mg	-
	Skin - Moderate irritant	Rabbit	-	80 mg	-
OIT	Eyes - Severe irritant	Rabbit	-	100 mg	-
1,2-benzisothiazol-3(2H)-one	Skin - Mild irritant	Human	-	48 hours 5 %	-
C(M)IT/MIT(3:1)	Skin - Severe irritant	Human	-	0.01 %	-
Conclusion/Summary	: Not available.				
Sensitisation					
<b>Conclusion/Summary</b>	: Not available.				
<u>Mutagenicity</u>					
<b>Conclusion/Summary</b>	: Not available.				
<u>Carcinogenicity</u>					
<b>Conclusion/Summary</b>	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				
Teratogenicity					
Conclusion/Summary	: Not available.				
<u>Specific target organ toxicity (single exposure)</u>					

Product/ingredient name	Category	Route of exposure	Target organs
bronopol (INN)	Category 3	-	Respiratory tract irritation

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

Product/ingredient name	Category	Route of exposure	Target organs
diuron (ISO) pyrithione zinc	Category 2 Category 1	-	-

#### Aspiration hazard

Not available.

#### Information on likely routes : Not available.

of exposure

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

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#### 🖊 WEATHERSHIELD SMOOTH MASONRY PAINT SECTION 11: Toxicological information Inhalation : No known significant effects or critical hazards. Skin contact : May cause an allergic skin reaction. : No known significant effects or critical hazards. Ingestion Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : Adverse symptoms may include the following: irritation redness Ingestion : No specific data. Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate : Not available. effects Potential delayed effects : Not available. Long term exposure Potential immediate : Not available. effects Potential delayed effects : Not available. Potential chronic health effects Not available. **Conclusion/Summary** : Not available. General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards. **Reproductive toxicity** : No known significant effects or critical hazards.

#### 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

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

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## **SECTION 12: Ecological information**

Product/ingredient name	Result	Species	Exposure
diuron (ISO)	Acute EC50 0.0023 mg/l Fresh water Acute EC50 0.0027 mg/l Fresh water	Algae - Chlorella pyrenoidosa Algae - Scenedesmus	96 hours 96 hours
	Acute EC50 7.6 µg/l Fresh water	quadricauda Aquatic plants - Lemna	72 hours
		aequinoctialis	
	Acute EC50 0.005 mg/l Fresh water	Aquatic plants - Lemna sp.	96 hours
	Acute EC50 7.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute EC50 8.6 mg/I Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 8.6 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute EC50 8.4 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute IC50 2.41 μg/l Marine water	Aquatic plants - Halodule uninervis	72 hours
	Acute IC50 5.89 μg/l Marine water	Aquatic plants - Halodule uninervis	72 hours
	Acute IC50 2.47 µg/l Marine water	Aquatic plants - Zostera muelleri	72 hours
	Acute LC50 3044 µg/l Marine water	Crustaceans - Palaemon serratus - Zoea	48 hours
	Acute LC50 2900 µg/l Fresh water	Fish - Cyprinus carpio - Fry	96 hours
	Acute LC50 3100 µg/l Fresh water	Fish - Morone saxatilis	96 hours
	Acute LC50 1.95 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic EC10 0.76 µg/l Fresh water	Algae - Fragilaria capucina ssp. rumpens	96 hours
	Chronic EC10 0.11 µg/l Fresh water	Algae - Fragilaria capucina - Exponential growth phase	96 hours
	Chronic IC10 0.47 µg/l Marine water	Aquatic plants - Halodule uninervis	72 hours
	Chronic IC10 0.7 µg/l Marine water	Aquatic plants - Halodule uninervis	72 hours
	Chronic IC10 0.49 µg/I Marine water		72 hours
	Chronic NOEC 0.283 µg/l Marine water	Algae - Nitzschia pungens	96 hours
	Chronic NOEC 0.34 µg/l Marine water	Aquatic plants - Halodule uninervis	72 hours
	Chronic NOEC 0.34 µg/l Marine water	Aquatic plants - Zostera muelleri	72 hours
	Chronic NOEC 26.4 ppb	Fish - Pimephales promelas	60 days
	Chronic NOEC 26.4 ppb	Fish - Pimephales promelas	60 days
	Chronic NOEC 26.4 ppb	Fish - Pimephales promelas	60 days
	Chronic NOEC 33.4 µg/l Fresh water	Fish - Pimephales promelas - Embryo	63 days
ronopol (INN)	Acute EC50 0.02 ppm Fresh water	Algae - Desmodesmus subspicatus	96 hours
	Acute EC50 1.6 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 11.17 ppm Fresh water	Fish - Lepomis macrochirus	96 hours
NТ	Chronic NOEC 1.94 ppm	Fish - Oncorhynchus mykiss	49 days
OIT	Acute EC10 0.000224 mg/l Acute EC50 0.084 mg/l	Algae - Navicula peliculosa Algae - Desmodesmus	48 hours 72 hours
	Acute EC50 0.00129 mg/l	subspicatus Algae - Navicula peliculosa	48 hours
	Acute EC50 0.42 mg/l	Daphnia	48 hours
	Acute EC50 107 ppb Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 47 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 74 ppb Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 8.5 ppb	Fish - Pimephales promelas	35 days
yrithione zinc	Acute EC50 0.51 µg/l Marine water	Algae - Thalassiosira pseudonana	96 hours
	Acute EC50 8.25 ppb Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 2.68 ppb Fresh water	Fish - Pimephales promelas	96 hours
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#### **SECTION 12: Ecological information**

	Chronic EC10 0.36 µg/l Marine water	Algae - Thalassiosira	96 hours
		pseudonana	
	Chronic NOEC 2.7 ppb Fresh water	Daphnia - Daphnia magna	21 days
1,2-benzisothiazol-3(2H)-one	Acute EC50 1.5 mg/l	Daphnia - Daphnia magna	48 hours
	Acute EC50 0.4 mg/l	Daphnia - Pseudomonas putia	16 hours
	Acute IC50 0.067 mg/l	Algae - Pseudokirchneriella	72 hours
	-	subcapitata	
	Acute LC50 1.3 mg/l	Fish - Ochorhyncus mykiss	96 hours
methylisothiazolinone	Acute EC50 0.24 mg/l	Daphnia	48 hours
-	Acute EC50 0.18 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.18 mg/l	Fish	96 hours
	Acute LC50 12.4 mg/l	Fish - Lepomis Macrochirus	96 hours
	Acute LC50 6 mg/l	Fish - Oncorhynchus Mykiss	96 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours

**Conclusion/Summary** : Not available.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
diuron (ISO)	2.84	5.2	low
bronopol (INN)	0.18	-	low
OIT	2.45	-	low
pyrithione zinc	0.9	11	low

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

#### Product

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## **SECTION 13: Disposal considerations**

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	: The classification of the product may meet the criteria for a hazardous waste.
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)

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

	Waste code	Waste designation					
	EWC 08 01 12	waste paint and varnish other than those mentioned in 08 01 11					
<u>P</u>	Packaging						
	Methods of disposal	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.					
	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. Dispose of containers contaminated by the product in accordance with local or national legal provisions.</li> </ul>					
S	pecial 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	IMDG
14.1 UN number	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards	No.	No.
Additional information		
IMDG	: Emergency schedules Not applicable.	

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are user

upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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## SECTION 14: Transport information

**14.7 Transport in bulk** : Not available. according to IMO instruments

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>UK (GB) /REACH</u>

#### 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 : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances,

## mixtures and articles

**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<br/>(integrated pollution<br/>prevention and control) -<br/>Air: Not listedIndustrial emissions<br/>(integrated pollution<br/>prevention and control) -: Not listed

Water

#### Ozone depleting substances (1005/2009/EU)

Not listed.

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

#### Persistent Organic Pollutants

Not listed.

#### Seveso Directive

This product is not controlled under the Seveso Directive.

#### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

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## **SECTION 15: Regulatory information**

Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

15.2 Chemical safety	: No Chemical Safety Assessment has been carried out.
accaccmant	

#### assessment

## **SECTION 16: Other information**

Abbreviations and acronyms	<ul> <li>ATE = Acute Toxicity Estimate 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</li> </ul>
	vPvB = Very Persistent and Very Bioaccumulative

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

Classification	Justification
	Calculation method Calculation method

#### Full text of abbreviated H statements

H361d H372	Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated
H351 H360	Suspected of causing cancer. May damage fertility or the unborn child.
H335	May cause respiratory irritation.
H332	Harmful if inhaled.
H330	Fatal if inhaled.
H319	Causes serious eye irritation.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H315	Causes skin irritation.
H314	Causes severe skin burns and eye damage.
H312	Harmful in contact with skin.
H311	Toxic in contact with skin.
H310	May be fatal if swallowed and enters airways. Fatal in contact with skin.
H304	
H301 H302	Toxic if swallowed. Harmful if swallowed.
H290	May be corrosive to metals.
H226	Flammable liquid and vapour.
H225	Highly flammable liquid and vapour.

#### 🖊 WEATHERSHIELD SMOOTH MASONRY PAINT SECTION 16: Other information H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. H412 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 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 Aquatic Chronic 1 Aquatic Chronic 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 Aquatic Chronic 3 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 Asp. Tox. 1 **ASPIRATION HAZARD - Category 1** Carc. 2 **CARCINOGENICITY - Category 2** Eye Dam. 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 Eve Irrit. 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 Flam. Liq. 2 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3 FLAMMABLE LIQUIDS - Category 3 Met. Corr. 1 **CORROSIVE TO METALS - Category 1 REPRODUCTIVE TOXICITY - Category 1B** Repr. 1B Repr. 2 **REPRODUCTIVE TOXICITY - Category 2** Skin Corr. 1 SKIN CORROSION/IRRITATION - Category 1 Skin Corr. 1A SKIN CORROSION/IRRITATION - Category 1A Skin Corr. 1B SKIN CORROSION/IRRITATION - Category 1B Skin Corr. 1C SKIN CORROSION/IRRITATION - Category 1C 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 RE 1 SPECIFIC TARGET ORGAN TOXICITY - REPEATED **EXPOSURE - Category 1** STOT RE 2 SPECIFIC TARGET ORGAN TOXICITY - REPEATED **EXPOSURE - Category 2** STOT SE 3 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -Category 3 Date of printing : 20-6-2023 Date of issue/ Date of : 19-6-2023

revision	
Date of previous issue	: 7-6-2023
Version	: 17.01
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#### Notice to reader

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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## **SECTION 16: Other information**

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