

Gyproc[®] Drywall Primer

SAFETY DATA SHEET







SAFETY DATA SHEET

Gyproc Drywall Primer

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	Gyproc Drywall Primer	
1.2. Relevant identified uses of	of the substance or mixture and uses advised against	
Identified uses	Primer.	
Uses advised against	No specific uses advised against are identified.	
1.3. Details of the supplier of t	he safety data sheet	
Supplier	British Gypsum East Leake Loughborough Leicestershire LE12 6HX UK T: +44 (0) 115 945 6123 E: bgtechnical.enquiries@bpb.com	
1.4. Emergency telephone nul	mber	
Emergency telephone	+44 (0) 115 945 6123 8:30am - 5:00pm Monday - Friday (GMT)	
SECTION 2: Hazards identific	ation	
2.1. Classification of the subst	ance or mixture	
Classification (EC 1272/2008)		
Physical hazards	Not Classified	
Health hazards	Skin Sens. 1 - H317	
Environmental hazards	Not Classified	
2.2. Label elements		
Hazard pictograms		
Signal word	Warning	
Hazard statements	H317 May cause an allergic skin reaction.	

Precautionary statements	 P102 Keep out of reach of children. P261 Avoid breathing dust or mist. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Supplemental label information	EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Contains	2-Methyl-2H-isothiazol-3-one
Supplementary precautionary statements	P272 Contaminated work clothing should not be allowed out of the workplace. P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse.
VOC Labelling	EU: (cat A/g): 30 g/l (2010). This product contains a maximum VOC content of 3.0 g/l.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information	tion on ingredients	
3.2. Mixtures		
Titanium dioxide		4 - 5%
CAS number: 13463-67-7	EC number: 236-675-5	
Substance with National workpla	ce exposure limits.	
Classification		
Not Classified		
Kaolin		2 - 5%
CAS number: 1332-58-7	EC number: 310-194-1	
Substance with National workpla	ce exposure limits.	
Classification		
Not Classified		
Bronopol		<0.025%
CAS number: 52-51-7	EC number: 200-143-0	
M factor (Acute) = 10		
Classification		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		

1,2-Benzisothiazol-3(2H)-one		<0.025%
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
2-Methyl-2H-isothiazol-3-one		<0.025%
CAS number: 2682-20-4	EC number: 220-239-6	
M factor (Acute) = 10	M factor (Chronic) = 1	
Classification		
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		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin contact	It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
4.2. Most important symptoms	and effects, both acute and delayed
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Temporary irritation.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.
Eye contact	May be slightly irritating to eyes.
4.3. Indication of any immedia	te medical attention and special treatment needed
Notes for the doctor	Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.
SECTION 5: Firefighting meas	sures
5.1. Extinguishing media	
Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire- extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from	om the substance or mixture
Specific hazards	None known.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
5.3. Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.
SECTION 6: Accidental release	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Do not touch or walk into spilled material. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Ensure procedures and training for emergency decontamination and disposal are in place. Wash thoroughly after dealing with a spillage.
6.2. Environmental precaution	<u>s</u>
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
6.4. Reference to other section	ons
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
SECTION 7: Handling and sto	orage
7.1. Precautions for safe hand	dling
Usage precautions	Keep out of the reach of children. Read and follow manufacturer's recommendations. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Keep container tightly sealed when not in use. Do not reuse empty containers.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.
7.2. Conditions for safe storage	ge, including any incompatibilities
Storage precautions	Store away from incompatible materials (see Section 10). Keep containers upright. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.
Storage class	Chemical storage.
7.3. Specific end use(s)	

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Specific end use(s)

Occupational exposure limits

Titanium dioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Kaolin

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ respirable dust WEL = Workplace Exposure Limit.

8.2. Exposure controls

Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	According to product specification.
Odour	Characteristic.
Odour threshold	Not available.
рН	Not available.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits	Not available.	
Vapour pressure	Not available.	
Vapour density	Not available.	
Relative density	Not available.	
Density	Not available.	
Solubility(ies)	Not miscible or difficult to mix.	
Partition coefficient	Not available.	
Auto-ignition temperature	Not available.	
Decomposition Temperature	Not available.	
Ignition temperature	>400°C (DIN 51794)	
Viscosity	Not applicable.	
Explosive properties	Not considered to be explosive.	
Oxidising properties	Does not meet the criteria for classification as oxidising.	
9.2. Other information		
Volatile organic compound	0%	
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	See the other subsections of this section for further details.	
10.2. Chemical stability		
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	No potentially hazardous reactions known.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid freezing. Avoid heat.	
10.5. Incompatible materials		
Materials to avoid	Avoid contact with acids.	
10.6. Hazardous decomposition products		
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.	
SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity - oral	Read on evolution data the eleverification evidence and met	
Summary	Based on available data the classification criteria are not met.	
<u>Acute toxicity - dermal</u> Summary		

Acute toxicity - inhalation	
Summary	Based on available data the classification criteria are not met.
Skin corrosion/irritation	
Summary	Based on available data the classification criteria are not met.
Serious eye damage/irritation	
Summary	Based on available data the classification criteria are not met.
Respiratory sensitisation	
Summary	Based on available data the classification criteria are not met.
Skin sensitisation	
Summary	May cause an allergic skin reaction.
Germ cell mutagenicity	
Summary	Based on available data the classification criteria are not met.
Carcinogenicity	
Summary	Based on available data the classification criteria are not met.
Reproductive toxicity	
Summary	Based on available data the classification criteria are not met.
Specific target organ toxicity -	single exposure
Summary	Based on available data the classification criteria are not met.
Summary Specific target organ toxicity -	Based on available data the classification criteria are not met. repeated exposure
Summary	Based on available data the classification criteria are not met.
Summary Specific target organ toxicity - Summary Aspiration hazard	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met.
Summary Specific target organ toxicity - Summary	Based on available data the classification criteria are not met. repeated exposure
Summary Specific target organ toxicity - Summary Aspiration hazard Summary	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
Summary Specific target organ toxicity - Summary Aspiration hazard	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the
Summary Specific target organ toxicity - Summary Aspiration hazard Summary	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation. May cause discomfort if swallowed.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation. May cause discomfort if swallowed. May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion Skin contact	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation. May cause discomfort if swallowed. May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion Skin contact Eye contact	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation. May cause discomfort if swallowed. May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin. May be slightly irritating to eyes.
Summary Specific target organ toxicity - Summary Aspiration hazard Summary General information Inhalation Ingestion Skin contact Eye contact Route of exposure	Based on available data the classification criteria are not met. repeated exposure Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. A single exposure may cause the following adverse effects: Temporary irritation. May cause discomfort if swallowed. May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin. May be slightly irritating to eyes. Ingestion Inhalation Skin and/or eye contact

Toxicological information on ingredients.

Titanium dioxide

Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ >5000 mg/kg, Oral, Mouse
Acute toxicity - inhalation	
Notes (inhalation LC₅₀)	LC₅₀ 5.09 mg/l, Inhalation, Rat

Skin corrosion/irritation				
Animal data	Dose: 0.5 g, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Not irritating.			
Serious eye damage/irritation				
Serious eye damage/irritation	Dose: 57 mg, 1 second, Rabbit Not irritating.			
Skin sensitisation				
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.			
Germ cell mutagenicity				
Genotoxicity - in vitro	Chromosome aberration: Negative.			
Genotoxicity - in vivo	Chromosome aberration: Negative.			
Carcinogenicity				
Carcinogenicity	NOEC 50 mg/m³, Inhalation, Rat			
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.			
Reproductive toxicity				
Reproductive toxicity - development	Developmental toxicity:, Maternal toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat			
Specific target organ toxicity - repeated exposure				
STOT - repeated exposure	NOEL 24000 mg/kg/day, Oral, Rat			
Aspiration hazard				
Aspiration hazard	Not relevant.			
	2-Methyl-2H-isothiazol-3-one			
Acute toxicity - oral				
Acute toxicity oral (LD₅₀ mg/kg)	120.0			
Species	Rat			
Notes (oral LD₅₀)	Toxic if swallowed.			
ATE oral (mg/kg)	120.0			
Acute toxicity - dermal				
Acute toxicity dermal (LD₅ mg/kg)	242.0			
Species	Rat			
Notes (dermal LD₅₀)	Toxic in contact with skin.			
ATE dermal (mg/kg)	242.0			
Acute toxicity - inhalation				
Acute toxicity inhalation (LC∞ dust/mist mg/l)	0.11			
Species	Rat			

	Notes (inhalation LC∞)	Fatal if inhaled.		
	ATE inhalation (dusts/mists mg/l)	0.11		
	Skin corrosion/irritation			
	Animal data	Dose: 0.5 mL, 4 hours, Rabbit Corrosive to skin.		
	Serious eye damage/irritat	ion		
	Serious eye damage/irritation	Corrosivity to eyes is assumed.		
	Skin sensitisation			
	Skin sensitisation	Buehler test - Guinea pig: Sensitising.		
	Germ cell mutagenicity			
	Genotoxicity - in vitro	Bacterial reverse mutation test: Negative.		
	Genotoxicity - in vivo	DNA damage and/or repair: Negative.		
	Reproductive toxicity			
	Reproductive toxicity - fertility	Two-generation study - NOAEL 69 - 93 mg/kg/day, Oral, Rat P		
	Reproductive toxicity - development	Maternal toxicity: - NOAEL: 20 mg/kg/day, Oral, Rat Developmental toxicity: - NOAEL: 40 mg/kg/day, Oral, Rat		
	Specific target organ toxicity - repeated exposure			
	STOT - repeated exposure	NOAEL 250 ppm, Oral, Rat		
SECTION 1	2: Ecological information			
Ecotoxicity		arded as dangerous for the environment. However, large or frequent spills may have ous effects on the environment.		
12.1. Toxici	ty			
Acute aquat	<u>.</u>			
Summary	Based o	on available data the classification criteria are not met.		
Chronic aqu Summary		on available data the classification criteria are not met.		
Ecological in	nformation on ingredients.			
		Titanium dioxide		
	Toxicity	Based on available data the classification criteria are not met.		
	Acute aquatic toxicity			
	Acute toxicity - aquatic plants	NOEC, 72 hours: 1 mg/l, Pseudokirchneriella subcapitata REACH dossier information.		
	Acute toxicity - microorganisms	EC₅₀, 3 hours: > 1000 mg/l, Activated sludge REACH dossier information.		
	2-Methyl-2H-isothiazol-3-one			
	Acute aquatic toxicity			
	<u> </u>			

	LE(C)50	$0.01 < L(E)C50 \le 0.1$
	M factor (Acute)	10
	Acute toxicity - fish	LC₅₀, 96 hours: 4.77 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Acute toxicity - aquatic invertebrates	LC₅₀, 48 hours: 0.934 mg/l, Daphnia magna
	Acute toxicity - aquatic plants	EC₅₀, 96 hours: >0.072 mg/l, Skeletonema costatum
	Acute toxicity - microorganisms	EC ₅₀ , 3 hours: 41 mg/l, Activated sludge
	Chronic aquatic toxicity	
	NOEC	0.01 < NOEC ≤ 0.1
	Degradability	Non-rapidly degradable
	M factor (Chronic)	1
	Short term toxicity - embryo and sac fry stages	NOEC, 98 days: 2.38 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.044 mg/l, Daphnia magna
12.2. Persis	tence and degradability	
Persistence	and degradability The deg	radability of the product is not known.
Ecological ir	nformation on ingredients.	
		Titanium dioxide
	Persistence and degradability	The product contains inorganic substances which are not biodegradable.
		2-Methyl-2H-isothiazol-3-one
	Phototransformation	Air - DT₅₀ : 14.35 hours
	Biodegradation	Water - Degradation 47.6 - 55.8%: 29 days
12.3. Bioaco	cumulative potential	
Bioaccumula	ative potential No data	available on bioaccumulation.
Partition coe	pefficient Not available.	
Ecological ir	nformation on ingredients.	
		Titanium dioxide
	Bioaccumulative potential	BCF: 19 - 352, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.
		2-Methyl-2H-isothiazol-3-one
	Bioaccumulative potential	BCF: 5.75, 48.1, Lepomis macrochirus (Bluegill)
	Partition coefficient	log Pow: -0.486
12.4. Mobilit	y in soil	

Mobility	No data available.	
Ecological information on ingredients.		
		Titanium dioxide
	Mobility	Insoluble in water.
		2-Methyl-2H-isothiazol-3-one
	Adsorption/deso	rption Koc: 6.4 - 10.0
	Henry's law cons	stant <0 Pa m³/mol @ 25°C Calculation method.
	Surface tension	68.8 mN/m @ 19.5°C
12.5. Resul	lts of PBT and vPv	B assessment
Results of F assessmen	PBT and vPvB t	This product does not contain any substances classified as PBT or vPvB.
Ecological i	information on ingr	edients.
		Titanium dioxide
	Results of PBT a assessment	and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.
		2-Methyl-2H-isothiazol-3-one
	Results of PBT a assessment	and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.
12.6. Other	adverse effects	
Other adve	rse effects	None known.
SECTION 1	13: Disposal consid	lerations
13.1. Waste	e treatment method	ds
General info	ormation	Reuse or recycle products wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal m	ethods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.
SECTION 1	14: Transport inform	nation
General		The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and e	nvironmental regulations/legislation specific for the substance or mixture
National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC₅₀: Lethal Concentration to 50 % of a test population. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Skin Sens. = Skin sensitisation
Document code	BG-SDS-413
Revision comments	SECTION 2: Hazards identification \\ 2.2. Label elements.
Revision date	09/10/2020
Revision	02
Supersedes date	24/10/2019
SDS number	8930
Hazard statements in full	 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful 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. H330 Fatal if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



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