

Safety data sheet according to (EC) No. 1907/2006 (and 2020/878)

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

1.1. Product identifier:

Glass Color, metal, frost, transparent; Glass and Porcelain paint

UFI: Not relevant

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Paint.

1.3. Details of the supplier of the safety data sheet:

Creotime.com

T: +45 96 13 30 10

Rasmus Faerchs Vej 23

DK-7500 Holstebro

Denmark

Responsible person for the safety data sheet (e-mail): info@creotime.com

UK Supplier

Creotime.com

T: +44 (0)793 616 068

2 Pine Court, Kembrey Park Swindon

Wiltshire, SN2 8AD

UK

1.4. Emergency telephone number:

NHS (England or Wales): Dial 111 or 0845 4647 NHS 24 (Scotland): Dial 111

National Poisons Information Centre (Ireland): +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24-hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Alttox has concluded that the mixture is not to be classified according to CLP (1272/2008).

2.2. Label elements:

EUH208: Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1) and 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3. Other hazards: None known.

PBT/vPvB: The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

Endocrine disrupting properties: The substances are not identified as having endocrine disrupting properties in accordance with the criteria set out in Regulation 2023/707.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

% w/w	Substance	CAS-no.	EC-no.	Index-no.	REACH reg.no.	Classification
1-5	Titanium dioxide#	13463-67-7	236-675-5	022-006-00-2	-	Carc. 2;H351i
0.00015- <0.0015	CMIT/MIT*	26172-55-4 2682-20-4 55965-84-9	247-500-7 220-239-6 mixture	- - 613-167-00-5	- - -	Acute Tox. 2;H310+H330 Acute Tox. 3;H301 Skin Sens. 1A;H317 Skin Corr. 1;H314 Eye Dam. 1;H318 Aquatic Acute 1;H400 (M=100) Aquatic Chronic 1;H410 (M=100) EUH071
>0,005- <0.05	BIT**	2634-33-5	220-120-9	613-088-00-6	-	Acute Tox. 4;H302 Acute Tox. 2;H330 Skin Irrit. 2;H315 Eye Dam. 1;H318 Skin Sens. 1A;H317 Aquatic Acute 1;H400 (M=1) Aquatic Chronic 2;H411

The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$

* CMIT/MIT = Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)

SCL (Specific Concentration Limits, CMIT/MIT) for classification: Skin Sens. 1A;H317: $C \geq 0.0015\%$;

Skin Corr. 1C;H314: $C \geq 0.6$; Eye Dam. 1;H318: $C \geq 0.6$; Eye Irrit. 2;H319: $0.06\% < C < 0.6\%$; Skin Irrit. 2;H315: $0.06\% < C < 0.6\%$. ATE (Inhalation, vapour) = 0,5 mg/l/4H; ATE (Dermal) = 50 mg/kg; ATE (Oral) = 53 mg/kg.

** BIT= 1,2-benzisothiazol-3(2H)-one

SCL: Skin Sens. 1;H317: $C \geq 0,05 \%$; ATE (Oral) = 454 mg/kg; ATE (Inhalation) = 0,25 mg/l

Wording of hazard statements - see section 16.

SECTION 4: First-aid measures**4.1. Description of first aid measures:**

Inhalation: Remove to fresh air. Keep at rest. In case of discomfort: Seek medical advice.

Skin contact: Remove contaminated clothing and wash with soap and water. If irritation persists: Seek medical advice.

Eye contact: Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any.
If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. Keep at rest. In case of discomfort: Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed:

Prolonged skin contact may cause sensitization.

4.3. Indication of any immediate medical attention and special treatment needed:

Show this safety data sheet to a physician or emergency ward.

SECTION 5: Firefighting measures**5.1. Extinguishing media:**

Not flammable.

5.2. Special hazards arising from the substance or mixture:

Not relevant (the product is not combustible).

5.3. Advice for firefighters:

When extinguishing surrounding fires use breathing apparatus with an independent source of air.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures:**

Use gloves of rubber when spill is wiped up – see section 8. Ventilate area of spill.

6.2. Environmental precautions:

Do not empty into drains – see section 12. Inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up:

Wipe up spillage by using absorbent material and place in a suitable container. Flush area of spill with plenty of water.

Wash with a hard surface cleaner. Further handling of spillage - see section 13.

6.4. Reference to other sections:

See above.

SECTION 7: Handling and storage**7.1. Precautions for safe handling:**

Avoid contact with skin, eyes or clothing. Wash with water and soap after work.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a well-closed original container, dry and in a well-ventilated room. Keep non-freezing.

7.3. Specific end use(s):

See section 1.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters:**

Occupational exposure limits, UK (EH40/ed.2020):

Substance	8-hour TWA	15-min STEL	Comments
Titanium dioxide, total inhal.	10 mg/m ³	-	-
<u>DNEL:</u>	Exposure	Value	Population
Titanium dioxide	Long-term, inhalation	10 mg/m ³	Workers
	Long-term, dermal	700 mg/kg/d	Consumers
<u>PNEC:</u>	Exposure	Value	
Titanium dioxide	Fresh water	0,127 mg/l	
	Marine water	1,0 mg/l	
	Fresh water sediment	1000 mg/kg	
	Marine water sediment	100 mg/kg	
	Sewage treatment plant	100 mg/l	
	Intermittent release	0,61 mg/l	
	Soil	100 mg/kg	

8.2. Exposure controls:

Appropriate engineering controls: None particular.

Personal protective equipment:

Respiratory protection: In case of working in not adequate ventilated areas, use an approved mask (EN149) with particle filter: P2. The filter has a limited lifetime and must be changed. Read the instruction.

Skin protection: By prolonged contact: Wear protective gloves of e.g. nitrile (>0,3 mm) (EN374). There are no available data for breakthrough time, therefore it is recommended to change the glove if spilled on.

Eye protection: Use safety goggles (EN166) when there is risk of eye contact.

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties:**

Physical state:	Liquid
Colour:	Various colours
Odour:	Mild odour
Melting point/freezing point (°C):	~ 0
Boiling point or initial boiling point and boiling range (°C):	~ 100
Flammability (solid, gas):	Not relevant
Lower and upper explosion limit (vol-%):	Not determined
Flash point (°C):	> 100
Auto-ignition temperature (°C):	Not relevant
Decomposition temperature (°C):	Not determined
pH:	6 – 9
Kinematic viscosity:	Not determined
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density (g/cm ³):	Not determined
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2. Other information:

None relevant.

SECTION 10: Stability and reactivity**10.1. Reactivity:**

No available data.

10.2. Chemical stability:

Stable under normal conditions (see section 7).

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

Avoid excessive heating and freezing.

10.5. Incompatible materials:

Strong oxidizing materials.

10.6. Hazardous decomposition products:

None known.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

Hazard class	Data	Test	Data source
Acute toxicity:			
Inhalation	LC ₅₀ (rat) = 0.25 mg/l/4h (BIT) LC ₅₀ (rat) > 0.5 mg/l/4h (CMIT/MIT)	OECD 403 No information	IUCLID EC Biocide
Dermal	LD ₅₀ (rat) > 2000 mg/kg (BIT)	OECD 402	IUCLID
Oral	LD ₅₀ (rabbit) = 50 mg/kg (CMIT/MIT) LD ₅₀ (rat) = 454 mg/kg (BIT) LD ₅₀ (rat) = 53 mg/kg (CMIT/MIT)	OECD 402 OECD 401 No information	RAC ECHA EC Biocide
Corrosion/irritation:	Skin irritant, rabbit (BIT) Eye damage, rabbit (BIT) Skin corrosive, rabbit (CMIT/MIT)	Draize OECD 405 OECD 404	IUCLID IUCLID EC Biocide
Sensitization:	Skin sensitization, guinea pig (BIT) Skin sensitization, guinea pig (CMIT/MIT)	OECD 406 Buehler	IUCLID EC Biocide
CMR:	No available or applicable data.	-	-

SECTION 11: Toxicological information (continued)

Information on likely routes of exposure: Inhalation, skin and ingestion.

Symptoms:

Inhalation: Sprayed liquid may cause irritation of the gastrointestinal tract.

Skin: May cause irritation by prolonged contact with skin.

Eyes: May cause irritation with redness.

Ingestion: May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

Chronic effects: Prolonged skin contact may cause dermatitis.

11.2. Information on other hazards:

None known.

SECTION 12: Ecological information**12.1 Toxicity:**

Aquatic	Data	Test (Media)	Reference
Fish	LC ₅₀ (Oncorhynchus mykiss, 96h) = 0.8 mg/l (BIT)	No info. (FW)	IUCLID
	NOEC (Oncorhynchus mykiss, 30d) = 0.21 mg/l (BIT)	OECD 215 (FW)	Supplier
	LC ₅₀ (Salmo gairdneri, 96 h.) = 0.19 mg/l (CMIT/MIT)	No info.	EC Biocide
Crustacean	EC ₅₀ (Daphnia magna, 48h) = 1.5 mg/l (BIT)	No info. (FW)	IUCLID
	NOEC (Daphnia magna, 21d) = 1.21 mg/l (BIT)	No info. (FW)	IUCLID
	EC ₅₀ (Crassostrea virginica, 48 h.) = 0.028 mg/l (CMIT/MIT)	No info.	EC Biocide
Algae	EC ₅₀ (P. subcapitata, 72h) = 0.11 mg/l (BIT)	OECD 201 (FW)	Supplier
	EC ₅₀ (Selenastrum capricornutum, 72 h.) = 0.018 mg/l (CMIT/MIT)	No info.	EC Biocide

12.2 Persistence and degradability:

BIT degrades 80% in 21 d and is therefore rapidly degradable (OECD 303A).

CMIT/MIT is not rapidly degradable.

12.3 Bioaccumulative potential:

BIT: Log K_{ow} = 0.7 & BCF = 6.62 (OECD 305) (no significant bioaccumulation).

CMIT/MIT: Log K_{ow} > 5 (calculated) – high bioaccumulation potential.

12.4 Mobility in soil:

BIT: K_{oc} < 50 (high mobility in soil is expected).

CMIT/MIT: K_{oc} < 50 (OECD 121) (high mobility in soil is expected).

12.5 Results of PBT and vPvB assessment:

No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

12.6. Endocrine disrupting properties:

None known.

12.7. Other adverse effects:

None known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods:**

The mixture is to be considered as non-hazardous waste. Disposal should be according to local, state or national legislation.

Dispose of through authority facilities or pass to chemical disposal company.

EWC-Code: 20 01 28 (mixture itself) and 15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

SECTION 14: Transport information

Not dangerous goods (ADR/RID/IMDG/IATA).

14.1. UN number or ID number: None.

14.2. UN proper shipping name: None.

14.3. Transport hazard class(es): None.

14.4. Packing group: None.

14.5. Environmental hazards: No.

14.6. Special precautions for user: None.

14.7. Maritime transport in bulk according to IMO instruments: Not relevant.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

None.

15.2. Chemical safety assessment:

No CSR.

SECTION 16: Other information

Hazard statements mentioned in section 2 and 3:

H301: Toxic if swallowed.
H302: Harmful if swallowed.
H310: Fatal 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.
H351i: Suspected of causing cancer by inhalation
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
EUH071: Corrosive to the respiratory tract.

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.
CSR = Chemical Safety Report
DNEL = Derived No-Effect Level
EC₅₀ = Effect Concentration 50 %
EC Biocide = Dossier on biocidal active substances
FW = Fresh Water
LC₅₀ = Lethal Concentration 50 %
LD₅₀ = Lethal Dose 50 %
PBT = Persistent, Bioaccumulative, Toxic
PNEC = Predicted No-Effect Concentration
vPvB = very Persistent, very Bioaccumulative

Literature:

EPA Ecotox = The US Environmental Protection Agency's database on ecotoxicological effects for chemicals.
IUCLID = International Uniform Chemical Information Database.
RTECS = Register of Toxic Effects of Chemical Substances.
ECHA = REACH registration dossier (ECHA homepage, www.echa.eu)

Training advice:

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Changes since the previous edition:

Not relevant – first edition

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