

Safety Data Sheet

Kraso Betocryl Facade

Replaces date: 25/11/2021

Revision date: 31/10/2022

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

1.1. Product identifier

Trade name: Kraso Betocryl Facade

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

Recommended uses: Paint

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kraso SIA
Address: Vienības gatve 93
Zip code: LV-1058
City: Rīga
Country: LATVIA
E-mail: info@kraso.com
Phone: +371 67887192

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Sens. 1A;H317 Aquatic Chronic 3;H412

Most serious harmful effects: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Pictograms



Signal word: Warning

Contains

Substance: 2-octyl-2H-isothiazol-3-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1);

Hazard Statements

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
P302/352 IF ON SKIN: Wash with plenty of soap and water.
P501 Dispose of contents/container in accordance with local regulations.

Supplemental information

Contains biocidal products: BIT, C(M)IT/MIT (3:1) Contains biocidal product for the preservation of dry-film: OIT, diuron (ISO) and IPBC. May produce an allergic reaction.

VOC: This product contains a maximum of 40 g VOC/L. The limit value is 40 g VOC/L (cat. A/c)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Bronopol	52-51-7 200-143-0	< 0.03 %		Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 M (acute): 10 M (chronic): 1
2-octyl-2H-isothiazol-3-one	26530-20-1 247-761-7 01-2120768921-45	< 0.005 %		Acute Tox. 3;H301 Acute Tox. 3;H311 Skin Corr. 1;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 Acute Tox. 2;H330 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 C ≥ 0.0015%: Skin Sens. 1A;H317 M (acute): 100 M (chronic): 100
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 611-341-5 01-2120764691-48	< 0.0015 %		Acute Tox. 3;H301 Acute Tox. 2;H310 Skin Corr. 1B;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 Acute Tox. 2;H330 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 C ≥ 0.0015%: Skin Sens. 1A;H317 M (acute): 100 M (chronic): 100

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

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

Treat symptoms.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Keep unnecessary personnel away. Wear suitable protective clothing. Wear safety goggles if there is a risk of eye splash.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Store frost-free. Avoid direct sunlight. Keep in tightly closed original packaging.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

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8.2. Exposure controls

Appropriate engineering controls: Do not eat, drink or smoke when using this product.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Wear suitable protective clothing.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves:

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	According to product specification
Odour	Weak
Solubility	Solubility in water: Complete

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	~ 0 °C	Water
Freezing point	~ 0 °C	Water
Initial boiling point and boiling range	~ 100 °C	Water
Flammability (solid, gas)		Non-flammable
Flammability limits	No data	
Explosion limits		Non-explosive
Flash Point		Not relevant
Auto-ignition temperature		Not applicable.
Decomposition temperature	No data	
pH (solution for use)	8 - 9	
pH (concentrate)		Not applicable.
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1400 - 1600 kg/m ³	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.

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SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid frost Keep from drying out.

10.5. Incompatible materials

Metals/ aluminium zinc

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

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

Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met. Ingestion of large quantities may cause discomfort.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation:	Based on existing data, the classification criteria are deemed not to have been met. Temporary irritation.
Respiratory sensitisation or skin sensitisation:	May cause sensitisation by skin contact. Symptoms include reddening, swelling, blistering and ulceration - often slowly developing. The product contains small amounts of reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Persons with a known allergy may exhibit an allergic response to the product.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.
Single STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Repeated STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.

11.2. Information on other hazards

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Endocrine disrupting properties:

Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.

SECTION 12: Ecological information

12.1. Toxicity

2-octyl-2H-isothiazol-3-one, cas-no 26530-20-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96h	96hLC50	0.036 mg/l		OECD 203	
Crustacea	Daphnia magna	21d	21dNOEC	0.002 mg/l		OECD 211	
Fish	Oncorhynchus mykiss	28d	28dNOEC	0.022 mg/l		OECD 210	
Algae		72h	72hNOEC	0.004 mg/l		OECD 201	
Crustacea	Daphnia magna	48h	48hEC50	0.42 mg/l		OECD 202	
Algae	Scenedesmus subspicatus	72h	72hEC50	0.084 mg/l		OECD 201	

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

2-octyl-2H-isothiazol-3-one, cas-no 26530-20-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				0.6 - 1.4 days		OECD 309	Supplier's Safety Data Sheet

Test data are not available for all substances Expected to be biodegradable.

12.3. Bioaccumulative potential

2-octyl-2H-isothiazol-3-one, cas-no 26530-20-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Kow	2.92		OECD 117 (1-octanol/water)	Supplier's Safety Data Sheet

Test data are not available for all substances No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.

12.7. Other adverse effects

None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Avoid unnecessary release to the environment.

Category of waste: EWC code: Depends on line of business and use, for instance
08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
20 01 27* paint, inks, adhesives and resins containing hazardous substances
15 01 02 plastic packaging
15 01 04 metallic packaging

SECTION 14: Transport information

14.1. UN number or ID number:	Not applicable.	14.4. Packing group:	Not applicable.
14.2. UN proper shipping name:	Not applicable.	14.5. Environmental hazards:	Not applicable.
14.3. Transport hazard class(es):	Not applicable.		

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Vendor notes: Changes have been made in sections: 2, 11, 12, 16.

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List of relevant H-statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
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.
H412	Harmful to aquatic life with long lasting effects.

Country: GB