

Material Safety Data Sheet

Completed 09-09-2019
SDS version 1.0

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

1.1. Product Identifier

Trade Name: Glass & Porcelain - Opaque water-based pen
Product- no.: -

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

Recommended uses:

Visual arts and hobby.

Uses advised against:

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address:

Creotime.com
Rasmus Færchs Vej 23
7500 Holstebro
Denmark
Tlf.: +45 96 13 30 10

Contact person and E-mail:

Claudia Nágy, info@creotime.com

The Safety data sheet is completed and validated by:

mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: DH

1.4. Emergency telephone number

NHS: 111

Use your national or local emergency number - See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

2.2. Label elements

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Signal word:

-

Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. (EUH 208)

2.3. Other hazards

-

Additional labelling:

-

Additional warnings

-

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SECTION 3: Composition/information on ingredients

3.1.3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
2-Methyl-2H-isothiazol-3-one	- / 613-326-00-9	2682-20-4	220-239-6	Acute Tox. 3;H301+H311, Skin Corr. 1B;H314, Eye Dam. 1;H318, Skin Sens. 1A;H317, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=10, Aquatic Chronic 1; H410 - M=1, EUH 071	< 0,0015	1

1) Specific concentration limits.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Not relevant.

Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.
Seek medical advice in case of discomfort.

Skin contact:

Wash skin with soap and water.
Seek medical advice in case of discomfort.

Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:

When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Surrounding fire:
Extinguish with powder, foam, carbon dioxide or water mist.
Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

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

See section 8 for type of protective equipment.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

6.4. Reference to other sections

See section 13 for instructions on disposal.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging.

7.3. Specific end use(s)

See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits according to EH40/2005 Workplace exposure limits (Third edition, 2018):

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DNEL/PNEC-values:

DNEL 2-Methyl-2H-isothiazol-3-one

	Workers	Consumers
Inhalation - Chronic Local	0,021 mg/m ³	0,021 mg/m ³
Inhalation - Acute Local	0,043 mg/m ³	0,043 mg/m ³
Oral - Chronic Systemic	-	0,027 mg/kg bw/day
Oral - Acute Systemic	-	0,053 mg/kg bw/day

PNEC 2-Methyl-2H-isothiazol-3-one

Fresh water	3,39 µg/L
Intermittent releases (Fresh water)	3,39 µg/L
Marine water	3,39 µg/L
Intermittent releases (Marine water)	3,39 µg/L
Soil	0,047 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Personal protective equipment:

Respiratory protection:

Not required.

Hand protection:

Not required.

Eye/face protection:

Not required.

Skin protection:

Not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state:	Marker
Colour:	Different
Odour:	-
Odour threshold:	-
pH:	-
Melting point/ Freezing Point (°C):	-
Initial boiling point and boiling range (°C):	-
Flash point (°C):	-
Evaporation rate:	-
Flammability (solid, gas):	-
Upper / lower flammability or explosion limits (vol-%):	-
Vapour pressure:	-
Vapour density (air=1):	-
Relative density:	-
Solubility(ies):	-
Partition coefficient: n-octanol/water:	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
Viscosity (mm ² /sek):	-
Explosive properties:	-
Oxidising properties:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No 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

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	Route of exposure	Species	Test	Result
2-Methyl-2H-isothiazol-3-one	Oral	Rat	LD50	120 mg/kg bw
2-Methyl-2H-isothiazol-3-one	Inhalation	Rat	LC50/ 4 Hours	0,354 mg/L air

Skin corrosion/irritation:

May irritate the skin – may cause reddening.

Serious eye damage/irritation:

May cause eye irritation.

Respiratory or skin sensitisation:

Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

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Germ cell mutagenicity:

Based on the existing data, the classification is not met.

Carcinogenicity:

Based on the existing data, the classification is not met.

Reproductive toxicity:

Based on the existing data, the classification is not met.

STOT-single exposure:

Based on the existing data, the classification is not met.

STOT-repeated exposure:

Based on the existing data, the classification is not met.

Aspiration hazard:

Based on the existing data, the classification is not met.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
2-Methyl-2H-isothiazol-3-one	96 Hours:	Fish	LC50	4,77 mg/L
2-Methyl-2H-isothiazol-3-one	96 Hours:	Daphnia	LC50	1,81 mg/L
2-Methyl-2H-isothiazol-3-one	96 Hours:	Algae	EC50	0,069 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
2-Methyl-2H-isothiazol-3-one	No	OECD Guideline 301 D	28 Days: 0%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
2-Methyl-2H-isothiazol-3-one	No	-0,32

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

EWC-Code	Description
20 01 99	Other fractions not otherwise specified

Specific labelling:

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Contaminated packaging:

Empty packaging must be disposed of through the municipal waste collection service for hazardous waste.

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SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

14.1 -14.4.

ADR

-

IMDG

-

14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

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

Sources:

EH40/2005 Workplace exposure limits (Third edition, 2018).

Additional labelling:

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Restrictions for application:

-

Demands for specific education:

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15.2. Chemical safety assessment

None.

SECTION 16: Other information

According to EU regulation 1907/2006 (REACH)

Other information:

Sources:

EC regulation 1907/2006 (REACH).

EC Regulation 1272/2008 (CLP).

EU regulation no. 276/2010

Directive 2000/532/EC

ECHA-The European Chemicals Agency

Full text of H-phrases as mentioned in section 2+3:

H301 + H311	Toxic if swallowed or in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH 071	Corrosive to the respiratory tract.
EUH 208	Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Classification according to Regulation (EC) Nr. 1272/2008:

EUH 208 Calculation method

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Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other

Minor changes have been made in following sections:

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This material safety data sheet replaces version:

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