Material Safety Data Sheet

Completed **08-11-2024**
Revision: (date) **-**
SDS version **1.0**

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

1.1. Product Identifier
Trade Name: Gouache
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:

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

www.cchobby.com
2 Pine Court, Kembrey Park Swindon
Wiltshire, SN2 8AD
UK
+44 (0)793 616 068

Contact person and E-mail:
compliance@cchobby.dk

The Safety data sheet is completed and validated by:
Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: RC

1.4. Emergency telephone number
NHS (National Health Service): 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 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.

2.2. Label elements
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Signal word:
-

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. (EUH 208)
Safety data sheet available on request. (EUH 210)

2.3. Other hazards
-

Additional labelling:
-

Additional warnings
-

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
1,2-Benzisothiazol-3(2H)-one	613-088-00-6 / 01-2120761540-60-xxxx	2634-33-5	220-120-9	Acute Tox. 4;H302, Skin Irrit. 2;H315, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330. Aqatic Acute 1;H400 - M=1, Aqatic Chronic 1;H410 - M=1 ATE (inhalation) = 0,21 mg/L (dusts or mists) ATE (oral) = 450 mg/kg bw Skin Sens. 1A;H317: C ≥ 0,036 %	< 0,036	-

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
In case of discomfort: Seek fresh air.
Seek medical advice in case of persistent discomfort.

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

Skin contact:
Remove contaminated clothing.
Wash the skin thoroughly with water and continue washing for a long time.
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
Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media
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
Avoid inhalation of vapour and fumes – seek fresh air.
Can generate harmful flue gases containing carbon monoxide in the event of fire.
Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters
If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See section 8 for type of protective equipment.
Avoid contact with skin and eyes.

6.2. Environmental precautions
Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up
Wipe up spills with a cloth.

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

7.2. Conditions for safe storage, including any incompatibilities
The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.
Keep in tightly closed original packaging.
Store frost-free.

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 (Fourth Edition 2020):
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DNEL/PNEC-values:
DNEL 1,2-Benzisothiazol-3(2H)-one

	Workers	**Consumers**
Inhalation - Chronic Systemic	6.81 mg/m³	1.2 mg/m³
Dermal - Chronic Systemic	0.966 mg/kg bw/day	0.345 mg/kg bw/day

PNEC 1,2-Benzisothiazol-3(2H)-one

Fresh water	4.03 µg/L
Intermittent releases (Fresh water)	1.1 µg/L
Marine water	0.403 µg/L
Intermittent releases (Marine water)	110 ng/L
Soil	3 mg/kg soil dw

8.2. Exposure controls
There are no exposure scenarios for this product.

Appropriate engineering controls:
Wear the personal protective equipment specified below.
Do not eat, drink or smoke when using this product.
Wash hands after use.

Personal protective equipment:
Respiratory protection:
Not required.

Hand protection:
Recommended:
Wear protective gloves made of nitrile rubber (> 0.11 mm). Protective gloves conforming to EN 374.
Penetration time: > 480 min.

Eye/face protection:
Not required.

Skin protection:
Not required.

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

Physical state:	Paste
Colour:	Different
Odour:	-
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	8.3
Kinematic viscosity (mm2/s):	-
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	1.52 g/mL
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

VOC (Volatile organic compounds):	1.60 g/L

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 Xx may be released.

SECTION 11: Toxicological information

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

Acute toxicity:
Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
1,2-Benzisothiazol-3(2H)-one	Oral	Rat	LD50	490 mg/kg bw
1,2-Benzisothiazol-3(2H)-one	Dermal	Rat	LD50	> 2000 mg/kg bw

Skin corrosion/irritation:
May irritate the skin – may cause reddening.

Serious eye damage/irritation:
May cause eye irritation.

Respiratory or skin sensitisation:
Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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.

11.2. Information on other hazards
Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
1,2-Benzisothiazol-3(2H)-one	96 Hours	Fish	LC50	2.15 mg/L
1,2-Benzisothiazol-3(2H)-one	48 Hours	Daphnia	EC50	2.9 mg/L
1,2-Benzisothiazol-3(2H)-one	72 Hours	Algae	EC50	110 µg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1,2-Benzisothiazol-3(2H)-one	Yes	OECD Guideline 301 C	4 Days 63%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
1,2-Benzisothiazol-3(2H)-one	No	0.7

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. Endocrine disrupting properties
Test data are not available.

12.7. 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.

EWC-Code	Description
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11

Specific labelling:
-

Contaminated packaging:
Empty packaging and residues can be disposed with household waste.

SECTION 14: Transport information

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

14.1 -14.4.
ADR
-
IMDG/IATA
-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

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

Sources:
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

Additional labelling:
-

Restrictions for application:
-

Demands for specific education:
-

15.2. Chemical safety assessment
None.

SECTION 16: Other information

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

Other information:
Sources:
The REACH Enforcement Regulations 2008, and The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.
The Waste (Miscellaneous Amendments) (EU Exit) (No. 2) Regulations 2019
The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019.

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
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 208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH 210	Safety data sheet available on request.

Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 and GB mandatory classification and labelling list:
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Abbreviations and acronyms used in the safety data sheet:
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.
CLP: Classification Labelling Packaging Regulation.
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 chemicals/products.

Minor changes have been made in following sections:
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This material safety data sheet replaces version:
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