Material Safety Data Sheet

Completed **11-07-2013**
Revision: (date) **13-07-2022**
SDS version **1.3**

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

1.1. Product Identifier
Trade Name: VTR Glue
Product- no.: -

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended uses:
Visual arts and hobby.
Glue/adhesive.

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	Creotime.com
Rasmus Færchs Vej 23	2 Pine Court, Kembrey Park Swindon
7500 Holstebro	Wiltshire, SN2 8AD
Denmark	UK
Tlf.: +45 96 13 30 10	+44 (0)793 616 068

Contact person and E-mail:
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
-

Signal word:
-

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). 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
Bronopol	603-085-00-8 / -	52-51-7	200-143-0	Acute Tox. 4;H302 + H312, Skin Irrit. 2;H315, Eye Dam. 1;H318, STOT SE 3;H335, Aquatic Acute 1;H400 - M=10	0,01 - 0,05	-
1,2-benzisothiazol-3(2H)-one	613-088-00-6 / -	2634-33-5	220-120-9	Acute Tox. 4;H302, Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Dam. 1;H318, Aquatic Acute 1;H400 - M=1	0,005 - <0,05	1
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	613-167-00-5 / -	55965-84-9	-	Acute Tox. 3;H301, Acute Tox. 2;H310 + H330, Skin Corr. 1C;H314, Skin Sens. 1;H317 Eye Dam. 1;H318, Aquatic Acute 1;H400 - M=100, Aquatic Chronic 1;H410 - M=100	0,00015 - <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 persistent discomfort.

Skin contact:
Do not pull bonded skin apart directly. Soak the skin in warm, soapy water and gently peel apart with the aid of a blunt edge, e.g. a teaspoon handle.
Seek medical advice if symptoms persist.

Eye contact:
Do not attempt to open eyelids forcibly. Cover with cotton wool soaked in lukewarm water. Seek medical advice.

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.
Show this safety data sheet to the doctor in attendance.

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.
Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters
Fire fighters should wear appropriate protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No special requirements.

6.2. Environmental precautions
Do not discharge large quantities of concentrated spills and residue into drains.

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

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
No special requirements.

7.2. Conditions for safe storage, including any incompatibilities
There are no special requirements for storage. However, it should be stored safe and out of the reach of children.
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 (Fourth Edition 2020):
-

DNEL/PNEC-values:
DNEL Bronopol

	Workers	Consumers
Inhalation - Chronic Systemic	3.5 mg/m³	0.6 mg/m³
Inhalation - Acute Systemic	10.5 mg/m³	1.8 mg/m³
Inhalation - Chronic Local	2.5 mg/m³	0.6 mg/m³
Inhalation - Acute Local	2.5 mg/m³	0.6 mg/m³
Dermal - Chronic Systemic	2 mg/kg bw/day	0.7 mg/kg bw/day
Dermal - Acute Systemic	6 mg/kg bw/day	2.1 mg/kg bw/day
Dermal - Chronic Local	8 µg/cm²	4 µg/cm²
Dermal - Acute Local	8 µg/cm²	4 µg/cm²
Oral - Chronic Systemic	-	0.18 mg/kg bw/day
Oral - Acute Systemic	-	0.18 mg/kg bw/day

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 Bronopol

Fresh water	0.01 mg/L
Intermittent releases (Fresh water)	0.003 mg/L
Marine water	0.001 mg/L
Soil	0.5 mg/kg soil dw

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:
No special requirements.
Wash hands after use.

Respiratory protection:
Not required.

Hand protection:
Generally not required.

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:	Liquid
Colour:	-
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:	-
Kinematic viscosity (mm2/s):	-
Solubility:	-
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

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
Avoid contact with strong oxidising agents.

10.6. Hazardous decomposition products
No special precautions regarding contact with other materials at the recommended storage conditions.

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
Bronopol	Inhalation	Rat	LC50/ 4 Hours	>= 0,588 mg/L air
1,2-benzisothiazol-3(2H)-one	Oral	Rat	LD50	490 mg/kg bw
1,2-benzisothiazol-3(2H)-one	Dermal	Rabbit	LD50	> 2000 mg/kg bw

Skin corrosion/irritation:
May cause slight irritation.

Serious eye damage/irritation:
May cause mechanical irritation.

Respiratory or skin sensitisation:
Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). 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
Bronopol	96 Hours	Fish	LC50	35,7 mg/L
Bronopol	48 Hours	Daphnia	EC50	1,4 mg/L
Bronopol	72 Hours	Algae	EC50	0,25 mg/L
1,2-benzisothiazol-3(2H)-one	96 Hours	Fish	LC50	2,18 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
Bronopol	Yes	OECD Guideline 301 B	28 Days 70-80%
1,2-benzisothiazol-3(2H)-one	Yes	OECD Guideline 301 C	4 Days 62%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Bronopol	No	0,22
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 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09

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

According to EU regulation 1907/2006 (REACH)

Other information:
Sources:
EC regulation 1907/2006 (REACH), with amendments.
EC Regulation 1272/2008 (CLP), with amendments.
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	Toxic if swallowed.
H302	Harmful if swallowed.
H310 + H330	Fatal in contact with skin or if inhaled.
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.
H335	May cause respiratory irritation.
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, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH 210	Safety data sheet available on request.

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

Minor changes have been made in following sections:
General update.

This material safety data sheet replaces version:
1.2