Material Safety Data Sheet

Completed **17-06-2024**
Revision: (date) **-**
SDS version **1.0**

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

1.1. Product Identifier

Trade Name: Tekstiltusch
Product- no.: -
UFI: 5GGA-QVA3-J20E-3QUV

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

Creotime.com
2 Pine Court, Kembrey Park Swindon
Wiltshire, SN2 8AD
UK
+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: 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 Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019:
Skin Sens. 1A;H317
Aquatic Chronic 3;H412

See full text of H-phrases in section 16.

2.2. Label elements

Signal word:
Warning

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

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)
Wash hands thoroughly after handling. (P264)
IF ON SKIN: Wash with plenty of water. (P302 + P352)
If skin irritation or rash occurs: Get medical advice/attention. (P333 + P313)
Dispose of contents/container in accordance with local regulation. (P501)

2.3. Other hazards

H412 applies to the colours orange, sky blue, light sky blue and pink.

Additional labelling:
-

Additional warnings
Contains biocidal active substances.

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
Propylene glycol	- / -	57-55-6	200-338-0	-	0 - 15	1, 2
Glycerol	- / -	56-81-5	200-289-5	-	4 - 15	1
Carbon black	- / -	1333-86-4	215-609-9	-	0 - 10	1, 2
2-Methylisothiazol-3(2H)-one	613-326-00-9 / -	2682-20-4	220-239-6	Acute Tox. 3;H301+H311, Skin Corr. 1B;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=10, Aquatic Chronic 1;H410 - M=1, EUH 071 SCL: Skin Sens. 1A; H317: C ≥ 0,0015 %	0.0015 - 0.01	-
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 SCL: Skin Sens. 1; H317: C ≥ 0,05 %	0.0015 - 0.01	-
2-Octyl-2H-isothiazol-3-one	613-112-00-5 / -	26530-20-1	247-761-7	Acute Tox. 3;H301+H311, Skin Corr. 1;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=100, Aquatic Chronic 1;H410 - M= 100 SCL: Skin Sens. 1A; H317: C ≥ 0,0015 % ATE (inhalation) = 0,27 mg/L (dusts/mists) ATE (dermal) = 311 mg/kg bw ATE (oral) = 125 mg/kg bw	0 - 0.7	3
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	611-341-5	Acute Tox. 3;H301, Acute Tox. 2;H310, Skin Corr. 1C;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=100, Acuatic Chronic 1;H410 - M=100 SCL: Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 %	0 - 0.04	3

1) The substance has a national exposure limit.
2) Only present in the black colour.
3) Only present in the colours orange, sky blue, light sky blue, and pink.

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.
If skin irritation or rash occurs: Get medical advice/attention.

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
Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

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.
Hazardous fumes are formed in fire conditions.
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
Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up
Pick up mechanically.

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.

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):

Substance	Long-term exposure limit ppm / mg/m³	Short-term exposure limit ppm / mg/m³	Note
Propylene glycol, total vapour and particulates	150 / 474	- / -	-
Propylene glycol, particulates	- / 10	- / -	-
Glycerol, mist	- / 10	- / -	-
Carbon black	- / 3.5	- / 7	-

DNEL/PNEC-values:

DNEL Propylene glycol

	Workers	Consumers
Inhalation - Chronic Systemic	168 mg/m³	50 mg/m³
Inhalation - Chronic Local	10 mg/m³	10 mg/m³

DNEL Glycerol

	Workers	Consumers
Inhalation - Chronic Local	-	132 mg/m³

DNEL 2-Methylisothiazol-3(2H)-one

	Workers	Consumers
Inhalation - Chronic Local	0.021 mg/m³	0.021 mg/m³
Inhalation - Acute Local	0.043 mg/m³	0.043 mg/m³
Oral - Chronic Systemic	-	0.027 mg/kg bw/day
Oral - Acute Systemic	-	0.053 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 Propylene glycol

Fresh water	260 mg/L
Intermittent releases (Fresh water)	183 mg/L
Marine water	26 mg/L
Soil	50 mg/kg soil dw

PNEC 2-Methylisothiazol-3(2H)-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

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

PNEC 2-Octyl-2H-isothiazol-3-one

Fresh water	2.2 µg/L
Intermittent releases (Fresh water)	1.22 µg/L
Marine water	0.22 µg/L
Intermittent releases (Marine water)	0.122 µg/L
Soil	8.2 µg/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:	Marker
Colour:	Different
Odour:	Odourless
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
None known.

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
Propylene glycol	Oral	Rat	LD50	22000 mg/kg bw
Propylene glycol	Dermal	Rabbit	LD50	> 2000 mg/kg bw
Glycerol	Oral	Rat	LD50	27200 mg/kg bw
Glycerol	Inhalation	Rat	LC50/ 4 Hours	5850 mg/m³ air
Glycerol	Dermal	Guinea pig	LD50	45 mL/kg bw
Carbon black	Oral	Rat	LD50	> 8000 mg/kg bw
2-Methylisothiazol-3(2H)-one	Oral	Rat	LD50	120 mg/kg bw
2-Methylisothiazol-3(2H)-one	Inhalation	Rat	LC50/ 4 Hours	0.11 mg/L air
2-Methylisothiazol-3(2H)-one	Dermal	Rat	LD50	242 mg/kg bw
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
2-Octyl-2H-isothiazol-3-one	Oral	Rat	LD50	125 mg/kg bw
2-Octyl-2H-isothiazol-3-one	Inhalation	Rat	LC50/ 4 Hours	270 mg/cm³ air
2-Octyl-2H-isothiazol-3-one	Dermal	Rat	LD50	311 mg/kg bw

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

Serious eye damage/irritation:
May cause mechanical irritation.

Respiratory or skin sensitisation:
May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

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
Propylene glycol	96 Hours	Fish	LC50	40613 mg/L
Propylene glycol	96 Hours	Daphnia	LC50	18340 mg/L
Propylene glycol	96 Hours	Algae	EC50	24200 mg/L
Glycerol	96 Hours	Fish	LC50	54000 mg/L
Glycerol	24 Hours	Daphnia	EC50	> 10000 mg/L
Glycerol	72 Hours	Algae	EC50	> 10000 mg/L
Carbon black	96 Hours	Fish	LC50	> 1000 mg/L
Carbon black	24 Hours	Daphnia	EC50	> 5600 mg/L
Carbon black	72 Hours	Algae	EC50	> 10000 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Fish	LC50	4.77 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Daphnia	LC50	1.81 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Algae	EC50	0.069 mg/L
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
Propylene glycol	Yes	OECD Guideline 301 F	28 Days 81.7 %
2-Methylisothiazol-3(2H)-one	No	OECD Guideline 301 D	28 Days 0%
1,2-Benzisothiazol-3(2H)-one	Yes	OECD Guideline 301 C	4 Days 63%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Propylene glycol	No	-1.07
Glycerol	No	-1.75
2-Methylisothiazol-3(2H)-one	No	0.7
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

Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.
Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC-Code	Description
20 01 27	Paint, inks, adhesives and resins containing hazardous substances

Specific labelling:

-

Contaminated packaging:
Empty packaging and residues must be disposed of through the municipal waste collection service for hazardous 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:
Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product. Young people above 15 years are exempted this rule, if the product is a part of an education/training.

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:

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
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.

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:

Skin Sens. 1A;H317	Calculation method
Aquatic Chronic 3;H412	Calculation method

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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