

According to the Commission's Regulation (EU) No 453/2010

Date of completion: 29 June 2018

Date of last revision: 26 July 2019

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IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1

Product Identifier:

Name of chemical substance, product: Waterborne dispersion paint Thermo

1.2

Relevant Identified uses of the substance or mixture and uses advised against:

Purpose: for finishing of primed metal, plaster, concrete, asbestos cement, silicate concrete, ceramsite concrete, silicate and ceramic bricks, gypsum, wooden and other surfaces inside of the buildings, where increased requirements for resistance to temperature are set (up to 110 °C).

1.3

Details of the supplier of the safety data sheet:

Supplier (manufacturer): UAB "TOPCOLOR"

Address: UAB "TOPCOLOR", 16, Neris kr., Kaunas, 48402

Tel/fax: 8 37 263 939; Emergency phone: TOPCOLOR representative: 8 611 12 4 00

1.4

Emergency telephone number:

Ambulance: 03; 112.

Bureau of Poisoning Control and Information (emergency information in case of intoxication): 8 5 236

20 52. E-mail of responsible person: laboratorija@topcolor.lt

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HAZARDS IDENTIFICATION

2.1

Classification according to Regulation (EC) No. 1272/2008:

Not classified as dangerous.

Special references of hazard to human and environment

The product is not labelled according to the last edition of the EU Directive on general classification of a mixture.

Classification system:

The classification complies with the valid EU lists and is supplemented with the data provided by the company.

2.2

Label elements

Labelling according to the EU directives: ordinary safety measures should be applied for work with the product. The product does not have to be labelled according to the EU directives/decrees of hazardous substances.

Additional labelling

It contains 1,2-benzisothiazol-3(2H)-one and mixture: 5-chlor-2-methyl-4-isothiazoline-3-one 2-methyl-4-isothiazoline-3-one (3:1) and 2-octyl-2H-isothiazole-3-one. May cause allergy.

2.3

Other hazards: not identified.

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COMPOSITION/INFORMATION ON INGREDIENTS

3.1

Chemical characteristics: Mixtures

Description: Waterborne dispersion paint Thermo is a viscous mass consisting of styrene-acrylic copolymer dispersion, fillings, supplements and water.

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Hazardous Ingredients:

Name of product/ingredient	Identifiers	%	<u>Classification</u> Regulation(EC) No. 1272/2008	Notes
1,2-benzisothiazol-3(2H)-one	EC: 220-120-9 CAS: 2634-33-5	<0,05	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400	-
C(M)IT/MIT(3:1)	CAS: 55965-84-9	<0,0015	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	-

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**FIRST AID MEASURES**

4.1

Description of first aid measures:**In case of Inhalation:** Remove casualty to fresh air.**In case of skin contact:** Wash with water and soap.**In case of eye contact:** Rinse eyes with clean running water. If irritation persists, consult a doctor.**In case of Ingestion:** if small amount is swallowed, rinse mouth with water, drink 2-3 glasses of water; if bigger amount is swallowed (more than 20 g), rinse mouth with water, clean out a stomach, drink a lot of water and consult a doctor.

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**FIREFIGHTING MEASURES**

5.1

Extinguishing media**Suitable extinguishing media:** any extinguishing media may be used in case of fire. The paint is not flammable or explosive.

5.2

Unsuitable extinguishing media: No**Special hazards arising from the substance or mixture**

The product does not burn until water evaporates. In case of fire, poisonous gas may be generated (carbon oxides, toxic organic compounds).

5.3

Advice for fire-fighters**Special safety measures:** do not inhale combustion gas.**Measures for fire-fighters:** flame-resistant clothing and breathing apparatus.

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**ACCIDENTAL RELEASE MEASURES**

6.1

Personal precautions, protective equipment and emergency procedures

Spilled product causes slipping hazard.

Use work clothing and shoes, ensure good ventilation.

6.2

Environmental precautions

Do not allow to enter into sewerage and water ponds.

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6.3 **Methods and material for containment and cleaning up**

Collect and recover spilled product. The hazard of dried product for environment is much smaller.

Water may be used for cleaning. The rising water has to be disposed in accordance with waste disposal rules.

6.4 **Reference to other sections**

Information on safe handling is presented in section 7.

Information on suitable personal protection is presented in section 8.

Information on disposal is presented in section 13.

7



HANDLING AND STORAGE

7.1 **Precautions for safe handling:**

Avoid heat and direct sunlight. Keep hermetically closed.

7.2 **Conditions for safe storage, including any incompatibilities:**

Store well sealed at the temperature above +5°C and below 30°C. When the expiry term is reached, the bacterial smell may appear.

7.3 **Specific end uses:**

Requirements and recommendations for use: painting is allowed when temperature of the paintable surface and air temperature is not below +5°C, whereas relative air humidity cannot exceed 80%. It is not recommended to paint surfaces heated by sun. Warning labels on the container have to be taken into account.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters**

Occupational exposure limits: not identified

The product does not contain significant amounts of substances that would affect work place and should be monitored.

8.2 **Exposure controls**

Respiratory protection:

If airborne spray system is used, the effective respiratory protection is needed. Effective ventilation has to be ensured.

Eye protection: it is recommended to wear goggles while painting.

Hand protection: it is recommended to wear protective gloves while painting.

Appropriate engineering controls: effective ventilation while painting and in the course of paint drying.

Other protection measures: protective clothing

General parameters: avoid contact with skin, eyes, food products and feed. Wash hands before breaks and after handling the product.

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PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Appearance:** viscous mass

Sensual properties (colour, odour): weak odour; white or coloured

Hydrogen ion concentration, pH: 7-9

Boiling temperature, °C or boiling range: 100 – water

Flammability: not flammable

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Flash point, °C: No

Auto-ignition temperature, °C: No

Explosive limits:

Lower, volume %: no

Upper, volume %: no

Oxidising properties: no data

Melting point/freezing point, °C: freezes at negative temperature, 0 degrees C (water)

Vapour pressure, kPa: no data

Relative mass, density, kg/m³: 1,2 – 1,3 g/cm³

Solubility (in water, fat): miscible in any proportions.

Partition coefficient: n-octanol/water: not tested

Viscosity: viscous mass

Relative vapour density: heavier than air

Evaporation rate: slower than ether

Refraction Index: no data.

Molecular mass: no data.

Physical state at 20 °C: liquid until water evaporates. When water evaporates, solid.

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STABILITY AND REACTIVITY

10.1

Reactivity: no data

10.2

Chemical stability: stable under normal use conditions. Irreversible coagulation is possible at temperature below 0 °C. May burn after water has evaporated.

10.3

Possibility of hazardous reactions: no data.

10.4

Conditions to avoid: protect from cold, heat and direct sunlight.

10.5

Incompatible materials: acids and multivalent metal salts may cause product's coagulation.

10.6

Hazardous decomposition products: no decomposition products are generated under normal conditions.

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TOXICOLOGICAL INFORMATION

11.1

Information on toxicological effects

Acute toxicity for tested animals: not identified

Eye damage/eye irritation: may cause slight short-term eye irritation.

Skin corrosion/irritation: brief contact does not cause irritation; long contact may cause irritation with local reddening. May adhere to skin and cause its irritation during removal.

Sensitisation to the respiratory tract/skin: no data.

Germ cell mutagenicity: no data.

Carcinogenicity: no data.

Toxicity for reproduction: no data.

Specific target organ toxicity:

Single exposure: no data.

Repeated exposure: no data.

Aspiration hazard: the effect is not hazardous in presence of good ventilation. Vapour or mist may accumulate in poorly ventilated premises and cause irritation of respiratory tract. Signs and symptoms of excessive impact: headache and nausea.

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ECOLOGICAL INFORMATION

12.1

Ecotoxicity: not classified as toxic for aquatic environment.

12.2

Persistence and degradability: main components of the system (polymers, pigments, fillings) are resistant to biodegradability.

12.3

Bioaccumulation: no other significant data.

12.4

Mobility in soil: no data.

12.5

Results of PBR and vPvB assessment: no data.

12.6

Other adverse effects: no data.

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DISPOSAL CONSIDERATIONS

13.1

Waste treatment methods:

Dispose of contents/container in accordance with applicable local, regional, national and international regulations.

Waste code: 08 01 03

Code of container waste: 15 01 02

Do not allow to enter into sewerage and water ponds.

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TRANSPORT INFORMATION

14.1

Land transport (ADR/RID):

UN number: -

UN-proper shipping name:

Transport hazard class: not classified as hazardous

Packing group: without restrictions

Hazard identification number: -

Hazard label: not applicable

Label: not applicable

tunnel restriction code: not applicable

Other information: no

14.2

Sea transport (IMDG): not applicable

14.3

Air transport (ICAO): not applicable

14.4

Inland waterway transport: not applicable

14.5

Environmental hazards: no additional data

14.6

Special precautions for user: no additional data

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REGULATORY INFORMATION

15.1

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

Regulation of the European Parliament and Council (EC) No. 1907/2006 (REACH)

Order of the Minister of Environment of the Republic of Lithuania and the Minister of Health of the Republic of Lithuania "Regarding classification and labelling of hazardous chemical substances and products", 19 Dec 2000, No. 532/742, Regulation of the European Parliament and Council (EC) No. 1907/2006

Order of the Minister of Environment of the Republic of Lithuania "Regarding approval of waste treatment rules", 1999, No. 63-2065

Hygiene norm HN 23

Order of the Minister of Economy of the Republic of Lithuania "Regarding rules of labelling of items (goods) sold in the Republic of Lithuania and their price statement", 15 May 2002, No. 170

Law on Waste Management of the Republic of Lithuania, 2002, No. 72-9106; Order of the Minister of Environment of the Republic of Lithuania "Regarding approval of rules of management of packages and packing waste", No. 348, 27 Jun 2002.

Information stated on the label on the container (package) of chemical substance: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Call a BUREAU OF POISONING CONTROL AND INFORMATION or doctor if you feel unwell. Dispose of contents/container in accordance with applicable local, regional, national and international regulations. Threshold amount of VOC in the product permitted by the EU (sub-group 1.1.2) 100g/l. Maximum amount of VOC in the product <100g/l. It contains 1,2-benzisothiazol-3(2H)-one and mixture: 5-chlor-2-methyl-4-isothiazoline-3-one 2-methyl-4-isothiazoline-3-one (3:1) and 2-octyl-2H-isothiazole-3-one. May cause allergy.

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OTHER INFORMATION

List of P-statements and numeric signs: P102 - Keep out of reach of children.

The data provided in this safety data sheet are accessible to everyone working with dispersion paint Thermo. The data are based on our current knowledge and are intended to describe dispersion paint Thermo with regard to occupational safety and health and environmental safety. The information of the safety data sheet will be supplemented when new data on environmental and health impact of dispersion paint Thermo, precautionary measures to reduce or avoid hazards are learnt. The information provided in the safety data sheet does not disclose any specific properties of dispersion paint Thermo. The provided information does not serve as a warranty of any properties of the paint and does not create any binding contractual relations.