

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

Date of completion: 27 July 2020

Date of last revision: 27 July 2020

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

1.1

Product Identifier:

Name of chemical substance, product: Antibacterial anti-mould paint Ceramic Argentum 7

1.2

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

Purpose: the product is suitable to paint plastered and concrete surfaces: bricks, painted wallpapers, various boards and other surfaces (except wooden ones) (by brush, roller, sprayer).

It is advised not to use not for intended purpose.

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:

Biocidal product.

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

Signal word	No
Hazard statements	No significant effect or other critical hazard is known.
<u>Precautionary statements:</u>	
General	P101 –If medical advice is needed, have product container or label at hand. P102 –Keep out of reach of children.
Prevention	P262 - Do not get in eyes, on skin, or on clothing.
Response	P312 - Call a BUREAU OF POISONING CONTROL AND INFORMATION or doctor if you feel unwell.
Disposal	P501 - Dispose of contents/container in accordance with applicable local, regional, national and international regulations.

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-methyl-4-isothiazoline-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: Antibacterial anti-mould paint Ceramic Argentum 7 is a viscous mass consisting of styrene-acrylic copolymer dispersion, fillings, supplements and water.

Hazardous Ingredients:

Name of product/ingredient	Identifiers	%	Classification Regulation(EC) No. 1272/2008	Notes
Zinc pyrithione	EC: 236-671-3 CAS: 13463-41-7	≤0,25	Acute Tox. 3, H301; Acute Tox. 3, H331; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	-
Reaction mass of titanium dioxide and silver chloride	-	≤0,01	Aquatic Acute 1: H400; Aquatic Chronic1: H410	-
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	-
2-methyl-4-isothiazoline-3-one	CAS: 2682-20-4	<0,0015	Acute Tox.3, H301; Acute Tox.3, H311; Skin Corr.1B, H314; Skin Sens.1A, H317; STOT SE3, H335; Aquatic Acute1, H400; Aquatic Chronic2, H411	-

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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.

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.

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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

Flash point, °C: No

Auto-ignition temperature, °C: No

Explosive limits:

Lower, volume %:

noUpper, 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.

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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.

12 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.

13 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.

14 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

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- 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

15 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 1.1.1) 30g/l. Maximum amount of VOC in the product < 5 g/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-methyl-4-isothiazoline-3-one. May cause allergy.

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OTHER INFORMATION

List of P-statements and numeric signs: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P262 - Do not get in eyes, on skin, or on clothing. P312 - Call a BUREAU OF POISONING CONTROL AND INFORMATION or doctor if you feel unwell. P501 - Dispose of contents/container in accordance with applicable local, regional, national and international regulations.

The data provided in this safety data sheet are accessible to everyone working with antibacterial anti-mould paint Ceramic Argentum 7. The data are based on our current knowledge and are intended to describe antibacterial anti-mould paint Ceramic Argentum 7 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 antibacterial anti-mould paint Ceramic Argentum 7, precautionary measures to reduce or avoid hazards are learnt. The information provided in the safety data sheet does not disclose any specific properties of antibacterial anti-mould paint Ceramic Argentum 7. The provided information does not serve as a warranty of any properties of the paint and does not create any binding contractual relations.