

SAFETY DATA SHEET

This Safety Data Sheet complies with Regulation (EC) 1907/2006 of 18.12.2006 - REACH and (EU) 2020/878 of 18.06.2020.

UNI Concrete Metallic

Date of issue: 20.10.2022

EN version: 1.0 / updated 30/11/2023

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

1.1. Product identifier UNI Concrete Metallic

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified use: decorative coating

Uses advised against: not specified

1.3. Details of the supplier of the safety data sheet

Cameleo Leśniewicz Gradowska Spółka Jawna

ul. Sikorskiego 139

63-100 Psarskie

Tel. +48 61 28 35 899

E-mail address of the person responsible for the safety data sheet: office@cameleo.pl

1.4. Emergency telephone number +48 61 28 35 899 (8.00 - 16.00)

112 (general emergency number), 998 (fire brigade), 999 (ambulance service);

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 1272/2008

The mixture is not classified as hazardous.

Human health hazards

None.

Environmental hazards

None.

Physical/chemical hazards

None.

2.2. Label elements

Pictograms:

None.

Signal word:

None.

Hazard statements:

None.

Precautionary statements:

None.

EUH208: 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.

EUH210: Safety data sheet available on request.

2.3. Other hazards

Annex XIII to REACH - Criteria for the identification of persistent, bioaccumulative and toxic (PBT) substances and very persistent and very bioaccumulative (vPvB) substances - The mixture does not contain substances meeting the PBT or vPvB criteria.

Substances with endocrine-disrupting properties (according to the criteria of Commission Delegated Regulation (EU) 2017/2100 and Commission Regulation (EU) 2018/605) - not applicable.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredients:

Product identifier	Content [%]	Hazard class and category codes	Hazard statement codes and supplementary statements	- Specific concentration limits - M-factor - Acute Toxicity Estimate (ATE)
Titanium dioxide*(1) CAS: 13463-67-7 EC: 236-675-5 Index No.: REACH No.: 01-2119489379-17-0024	<1	Carc. 2	H351 (inhalation)	-
Zinc pyrithione CAS: 13463-41-7 EC: 236-671-3 Index No.: 613-333-00-7 REACH No.: -	<0,02	Repr. 1B Acute Tox. 2 Acute Tox. 3 STOT RE 1 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H360D H330 H301 H372 H318 H400 H410	inhalation: ATE = 0,14 mg/l (dusts or mists) oral: ATE = 221 mg/kg bw M = 1000 M = 10
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 Index No.: 613-088-00-6 REACH No.: -	<0,05	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400	Skin Sens. 1; H317: C _≥ 0,05 %
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: - Index No.: 613-167-00-5 REACH No.: -	<0,00045	Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1C Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	H330 H310 H301 H314 H318 H317 H400 H410 EUH071	Skin Corr. 1C; H314: C _≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C _≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1 A; H317: C _≥ 0,0015 % M = 100 M = 100

For the full text of the H-statements, see section 16.

*substance with an established NDS value

(1) Note 10: Classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with an aerodynamic diameter ≤ 10 µm.
The substance used contains <1% of particles with an aerodynamic diameter <10 µm.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing. Wash contaminated skin with soap and water. If

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skin irritation occurs, seek medical advice.

In case of eye contact:

Rinse the eyes with plenty of water for at least 15 min., keeping the eyelids wide open. Remove contact lenses if present. Avoid a strong water jet due to the risk of corneal damage.

Inhalation exposure:

Move the affected person to fresh air.

If swallowed:

Do not induce vomiting. Rinse the mouth with water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Allergic reactions may occur on contact with the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: dry extinguishing powders, carbon dioxide, foam, water mist. Use extinguishing methods appropriate to the surrounding conditions.

Unsuitable extinguishing media: strong water jet.

5.2. Special hazards arising from the substance or mixture

Combustion releases fumes hazardous to health - carbon oxides.

5.3. Advice for firefighters

Cool containers in the fire area with water spray and, if possible, remove them from the danger area.

In the event of a fire in an enclosed space, wear protective clothing and a compressed-air breathing apparatus.

Prevent firefighting water from entering surface water, groundwater and drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: notify the appropriate services of the incident. Remove persons not involved in dealing with the incident from the danger area.

For emergency responders: ensure adequate ventilation and use personal protective equipment.

6.2. Environmental precautions

Prevent spreading and entry into drains and bodies of water.

6.3. Methods and material for containment and cleaning up

Contain the spill and collect it using a non-combustible, inert adsorbent material. Place the contaminated material in appropriately labelled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections

Disposal of product waste - see section 13 of this sheet.

Personal protective equipment - see section 8 of this sheet.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with the eyes and skin. Ensure adequate room ventilation.

Follow occupational health and safety practices: do not eat, drink or smoke in the workplace; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area.

Keep in the closed, correctly labelled, original container.

Protect from fire, ignition sources, heat and sunlight.

Protect from freezing.

7.3. Specific end use(s)

Uses as specified in section 1.2. - no additional recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits in accordance with the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum permissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws, item 1286, as amended).

Ingredients for which exposure limits apply:

Substance name and CAS number	Maximum permissible concentration (mg/m ³), by duration of exposure during the work shift			Fibre count (per cm ³)	Notes: Substance "skin" notation
	NDS	NDSch	NDSP		
Titanium dioxide [CAS: 13463-67-7]	10	-	-	-	-

The procedure, type and frequency of measurements of agents harmful to health in the working environment must be determined in accordance with the Regulation of the Minister of Health of 2 February 2011 (Journal of Laws 2011, No. 33, item 166, as amended).

8.2. Exposure controls

Appropriate engineering controls:

General room ventilation is recommended.

Observe basic occupational health and safety rules.

Wash hands during breaks and after finishing work with the product.

Do not eat, drink or smoke when working with the product.

Remove contaminated clothing and wash it before reuse.

Individual protection measures, such as personal protective equipment:

Select personal protective equipment according to workplace hazards, taking into account Regulation (EU) 2016/425 of the European Parliament and of the Council and the relevant CEN standards.

Eye/face protection:



Wear safety goggles or a face shield (in accordance with EN 166).

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Skin protection:

Hand protection:



Use chemical-resistant protective gloves complying with EN374.

Glove material:

The selection of suitable gloves depends not only on the material, but also on the brand and quality, which vary between manufacturers. The resistance of the glove material can be determined by testing. The exact breakthrough time must be determined by the manufacturer.

Other:



Wear work clothing.

Respiratory protection:

No special requirements if ventilation is adequate.

Thermal hazards:

Not applicable.

Environmental exposure controls

Emissions from ventilation systems and process equipment should be checked for compliance with the requirements of environmental protection legislation.

Observe the basic rules for using machinery and equipment.

Prevent release to the environment and entry into drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|--|-------------------------|
| a) Physical state | Liquid (paste/compound) |
| b) Colour | Metallic compound |
| c) Odour | Odourless |
| d) Melting point/freezing point
(not applicable to gases) | No data available |
| e) Boiling point or initial boiling
point and boiling range | No data available |
| f) Flammability
(applies to gases, liquids and solids) | Non-flammable |
| g) Lower and upper explosion limit
(not applicable to solids) | No data available |
| Flash point | |
| h) (not applicable to gases, aerosols or
solids) | No data available |

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- | | | |
|----|---|-------------------------------|
| i) | Auto-ignition temperature
(applies only to gases and liquids) | No data available |
| | Decomposition temperature
(applies only to self-reactive substances
and mixtures, organic peroxides, and other
substances and mixtures which may
decompose) | Not applicable |
| k) | pH
(not applicable to gases) | Approx. 8,05 |
| l) | Kinematic viscosity
(applies only to liquids) | No data available |
| m) | Solubility | Miscible with water |
| | Partition coefficient:
n) n-octanol/water (log value) | Not applicable - mixture |
| o) | Vapour pressure | No data available |
| p) | Density and/or relative density
(applies only to liquids and solids) | Approx. 1,4 g/cm ³ |
| q) | Relative vapour density
(applies only to gases and liquids) | No data available |
| r) | Particle characteristics
(applies only to solids) | Not applicable |

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive.

10.2. Chemical stability

The product is stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Avoid heat, ignition sources and sunlight.

10.5. Incompatible materials

Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

No decomposition under the recommended conditions of use and storage.

SECTION 11: Toxicological information

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

- | | | |
|----|---------------------------|---|
| a) | Acute toxicity | Based on available data, the classification criteria are not met. |
| b) | Skin corrosion/irritation | Based on available data, the classification criteria are not met. |

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- | | | |
|----|--|---|
| c) | Serious eye damage/eye irritation | Based on available data, the classification criteria are not met. |
| d) | Respiratory or skin sensitisation | Based on available data, the classification criteria are not met. |
| e) | Germ cell mutagenicity | Based on available data, the classification criteria are not met. |
| f) | Carcinogenicity | Based on available data, the classification criteria are not met. |
| g) | Reproductive toxicity | Based on available data, the classification criteria are not met. |
| h) | Specific target organ toxicity - single exposure | Based on available data, the classification criteria are not met. |
| i) | Specific target organ toxicity - repeated exposure | Based on available data, the classification criteria are not met. |
| j) | Aspiration hazard | Based on available data, the classification criteria are not met. |

11.2. Information on other hazards

Endocrine-disrupting properties

None.

SECTION 12: Ecological information

12.1. Toxicity

The mixture is not classified as hazardous to the environment.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The product does not contain PBT or vPvB substances.

12.6. Endocrine-disrupting properties

The mixture does not contain substances with endocrine-disrupting properties.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Keep residues in the original containers. Dispose of in accordance with applicable regulations.
Empty containers must be disposed of or recycled in accordance with applicable regulations.

Waste codes according to the Regulation of the Minister of Climate of 2 January 2020 on the catalogue of waste (Journal of Laws, item 10).

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Community legislation on waste:

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives, as amended.

SECTION 14: Transport information

ADR/RID/IMDG/IATA:

14.1. UN number or ID number

Not applicable; the product is not classified as dangerous for transport.

14.2. UN proper shipping name

Not applicable; the product is not classified as dangerous for transport.

14.3. Transport hazard class(es)

Not applicable; the product is not classified as dangerous for transport.

14.4. Packing group

Not applicable; the product is not classified as dangerous for transport.

14.5. Environmental hazards

Not applicable; the product is not classified as dangerous for transport.

14.6. Special precautions for user

Not applicable; the product is not classified as dangerous for transport.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable; the product is not classified as dangerous for transport.

SECTION 15: Regulatory information

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

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.
2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
3. Regulation No 1272/2008 of the European Parliament and of the Council of 16 December 2008 (CLP), as amended.
4. Act of 25 February 2011 on chemical substances and their mixtures (consolidated text: Journal of Laws 2020, item 2289; 2021, item 2151).
5. Act of 28 May 2020 amending the Act on chemical substances and their mixtures and certain other acts (Journal of Laws 2020, item 1337).
6. Act of 14 December 2012 on waste (consolidated text: Journal of Laws 2022, items 699, 1250).
7. Act of 13 June 2013 on the management of packaging and packaging waste (consolidated text: Journal of Laws 2020, items 1114, 2361; 2021, item 2151).
8. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of waste (Journal of Laws 2020, item 10).
9. Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.
10. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended.
11. Notice of the Marshal of the Sejm of the Republic of Poland of 19 March 2021 announcing the consolidated text of the Act on the carriage of dangerous goods (Journal of Laws 2021, item 756).
12. ADR 2021 Agreement - Government Statement of 15 February 2021 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws 2021, item 874).
13. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum permissible workplace

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concentrations and intensities of agents harmful to health (Journal of Laws, item 1286, as amended).

14. Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (consolidated text: Journal of Laws 2016, item 1488).

15. Regulation of the Minister of the Environment of 9 December 2003 on substances posing a particular hazard to the environment (Journal of Laws No. 217, item 2141).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the mixture.

Annex XIV to REACH - List of substances subject to authorisation: not applicable.

SVHC substances - Candidate List of substances of very high concern for authorisation: not applicable.

Annex XVII to REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: not applicable.

SECTION 16: Other information

H-statements:

H301 - Toxic if swallowed.

H302 - Harmful if swallowed.

H310 - Fatal 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.

H351 - Suspected of causing cancer.

H360D - May damage the unborn child.

H372 - Causes damage to organs through prolonged or repeated exposure.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

EUH071 - Corrosive to the respiratory tract.

Explanation of abbreviations, acronyms and symbols:

Acute Tox. 2 - Acute toxicity, category 2

Acute Tox. 3 - Acute toxicity, category 3

Acute Tox. 4 - Acute toxicity, category 4

Carc. 2 - Carcinogenicity, category 2

Repr. 1B - Reproductive toxicity, category 1B

Skin Corr. 1C - Skin corrosion, category 1C

Skin Irrit. 2 - Skin irritation, category 2

Skin Sens. 1A - Skin sensitisation, category 1A

Skin Sens. 1 - Skin sensitisation, category 1

Eye Dam. 1 - Serious eye damage, category 1

Eye Irrit. 2 - Eye irritation, category 2

STOT RE 1 - Specific target organ toxicity - repeated exposure, category 1

Aquatic Acute 1 - Hazardous to the aquatic environment, category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment, category 1

NDS - Maximum permissible concentration

NDSch - Maximum permissible short-term concentration

NDSP - Maximum permissible ceiling concentration

ATE - Acute Toxicity Estimate

PBT - Persistent, bioaccumulative and toxic substances

vPvB - Very persistent and very bioaccumulative

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

IMDG - International Maritime Dangerous Goods Code

IATA - Dangerous Goods Regulations issued by the

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International Air Transport Association

Basis for classification:

The mixture is not classified as hazardous.

Training:

Not required.

SOURCE MATERIALS

Annex to Regulation (EU) 2020/878 of 18 June 2020.

Legislation cited in section 15 of this sheet.

Information from the Bureau for Chemical Substances.

The information in this safety data sheet relates solely to the product named in the title. The data in this sheet should be used only as guidance for the safe use of the product. As storage, transport and use conditions are beyond our control, the information cannot constitute a guarantee in the legal sense. In all cases, statutory provisions and any third-party rights must be observed. This sheet does not constitute a workplace risk assessment. The product must not be used for purposes other than those specified in section 1 without prior consultation with the manufacturer.