

Version: 4.0

TITANIUM IN MATERIAL**SAFETY DATA SHEET based on Commission**

Regulation (EU) 2020/878 of 18/06/2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Date of preparation: 2004.05.10

Update date: 2022.12.08

Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier: TITANIUM IN interior photocatalytic paint.

1.2. Relevant identified uses of the substance/mixture and uses advised against: Water-soluble dispersion paint intended for painting building surfaces inside buildings. Use advised against: no information.

1.3. Details of the supplier of the safety data sheet: PIGMENT

Sp. j. ul. Pyrzycka 23 A, 70-892 Szczecin, phone: +48
91 462 10 20, +48 91 462 11 86, e-mail: biuro@farbypigment.pl

1.4. Emergency telephone number:

998 or 112, or the nearest local unit of the State Fire Service (PSP).

Section 2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture: -

the product is not classified as dangerous according to Regulation (EC) No 1272/2008.

EUH208 – Contains a mixture of: 5-chloro-2-methyl-4-isothiazol-3-one and 2-methyl-4-isothiazol-3-one. May produce an allergic reaction.

Data on environmental impact: none according to available information.

2.2. Labelling elements: not required.

2.3. Other hazards: The product does not meet the PBT or vPvB criteria.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristics: Water-soluble preparation based on copolymer dispersion, containing auxiliaries, mineral fillers, organic/inorganic pigments and water.

3.1. Substances

ingredients	% m/m	index no. EC no.	CAS
Mixture of 5-chloro-2-methyl-4-isothiazol-3-one and methyl-4-isothiazol-3-one According to Regulation (EC) No. 1272/2008: H301-Acute Tox. cat. 3, H314-Skin Corr., cat. 1B, H400-AquaticAcute kat.1; H410-Aquatic Chronic, kat.1.	< 0.0015	613-167-00-5 247-500-7 220-239-6	No. 55965-84-9

Section 4. FIRST AID MEASURES 4.1.

Description of first aid measures: Accidental ingestion: give water to drink. If feeling unwell or nauseous, seek medical attention. Inhalation: remove to fresh air.

Skin contact: Wash skin with soap and water, change contaminated clothing. Eye contact: Rinse immediately with plenty of running water. In case of irritation, seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed: no data available.

4.3. Indication of any immediate medical attention and special treatment needed
contact with the injured party: no data available.

Section 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media: All commonly available extinguishing media are acceptable.

5.2. Special hazards arising from the substance or mixture: no data available.

5.3. Advice for firefighters: Non-flammable product. In case of fire it may be mixed with water.

Section 6. ACCIDENTAL RELEASE MEASURES 6.1. Personal precautions, protective equipment and emergency procedures: No

special personal protective equipment is required.

6.2. Environmental precautions: avoid release into the environment.

6.3. Methods and materials for containment and cleaning up: In case of leakage or spillage, collect the product into suitable containers.

Remaining, non-collectible residues should be washed with water from contaminated surfaces. No special personal protective equipment is required.

6.4. References to other sections: none.

Section 7. HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling: Avoid direct contact with skin, mucous membranes and clothing. After finishing work, thoroughly wash skin contamination with soap and water. Ventilate rooms during work and before putting into service ventilate until the odor disappears.

7.2. Conditions for safe storage, including any incompatibilities: Store in tightly closed containers, in a dry and cool place. Protect from direct sunlight and other sources of heat and temperatures below +5°C.

7.3. Specific end use(s): no data available.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters: no data available.

8.2. Exposure controls Ensure

adequate ventilation during work. a) Respiratory protection:

Use dust masks when spraying. Do not breathe spray or mist. b) Hand protection: work gloves. c) Eye protection: safety glasses. d) Skin protection:

work overalls or aprons, head covering.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES 9.1.

Information on basic physical and chemical properties

- Appearance: liquid, white or color according to the card mild, characteristic
- Odor: - not marked 8.5÷9.0

Odor threshold: - pH

value: - Melting

point/freezing point: not applicable - Boiling point/range not

applicable - Flash point: not applicable - Evaporation rate not

applicable - Flammability: non-flammable - Upper/lower flammability

limit: not applicable not applicable - Vapour pressure: not applicable

- Vapour density: approx. 1.4 g/cm³

- Relative density: -

Solubility in water: dilutable - Partition coefficient n-octanol/water: -

Auto-ignition temperature: - Decomposition

no data no

temperature: - Viscosity: - Evaporation

data no data

rate: - Explosive properties:

no data no

Oxidizing

data no data

properties:

not applicable

not applicable

9.2. Other information:

freezes below 0°C.

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity: the product is stable, when used in accordance with the instructions, it does not decompose. dowi.

10.2. Chemical stability: releases CO₂ when reacting with acids .

10.3. Possibility of hazardous reactions: no data

10.4. Conditions to avoid: no data available

10.5. Incompatible materials: materials that react with water.

10.6. Hazardous decomposition products: no data.

Section 11. TOXICOLOGICAL INFORMATION

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

11.2. Information on toxicological effects: There are no known data on the harmful effects of the product on human health. Due to the slightly alkaline nature of the preparation, prolonged contact with skin may cause irritation of the epidermis in sensitive individuals, manifested by redness.

Section 12. ECOLOGICAL INFORMATION

Do not allow the product to enter sewage and groundwater. No data on the impact on the natural environment. No data on the biodegradability of the product.

12.1. Toxicity: no data available.

12.2. Persistence and degradability: no data available.

12.3. Bioaccumulative potential: no data available.

12.4. Mobility in soil: no data available.

12.5. Results of PBT and vPvB assessment: does not meet the criteria according to REACH regulation.

12.6. Endocrine disrupting properties: no data available

12.7. Other adverse effects: no data available.

Section 13. WASTE HANDLING

13.1. Waste disposal methods: Waste classification according to the Regulation of the Minister of Environment of 9 December 2014 on the waste catalogue (Journal of Laws of 2014, item 1923): small quantities, code - 20 01 28, larger quantities, code - 08 01 12. According to the regulation, product waste is not hazardous waste. Waste disposal and neutralisation should take place in accordance with local regulations in force in a given area. Used packaging: waste category - Q5, code - 15 01 02. Waste disposal process of the preparation and packaging: D5 - storage in landfills or D10 - thermal processing in installations (incineration).

Section 14. TRANSPORT INFORMATION

14.1. UN number or ID number: not applicable.

14.2. UN proper shipping name: not applicable.

14.3. Transport hazard class(es): not applicable.

14.4. Packing group: not applicable.

14.5. Environmental hazards: the product does not pose a hazard to the environment.

14.6. Special precautions for user: no data available.

14.7. Bulk maritime transport in accordance with IMO instruments: no data available.

Section 15. REGULATORY INFORMATION

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

-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.

-Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

-Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) of 20 January 2009, as amended.

-Regulation of the Minister of the Environment of 9 December 2014 on the waste catalogue (Journal of Laws of 2014, item 1923).

-Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011 No. 63 item 322), as amended.

-Regulation of the Minister of Economy of 10 October 2013 on the application of restrictions specified in Annex XVII to Regulation No. 1907/2006 (Journal of Laws of 2013, item 1314), as amended.

-Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21), as amended.

-Regulation of the Minister of Labour and Social Policy of 6 June 2014 on the maximum permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2014, item 817).

-Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ EU L 133, 31.05.2010).

-All other national and regional regulations relating to the transport or disposal of waste should be checked on a case-by-case basis.

15.2. Chemical safety assessment: no assessment carried out.

Section 16. OTHER INFORMATION

Abbreviations and acronyms:

H301 - Toxic if swallowed H314 - Causes severe skin burns and eye damage H400 - Very toxic to aquatic life.

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

Acute Tox. cat.3 - Toxic if swallowed.

Skin Corr., cat.1B - Causes severe skin burns and eye damage. Aquatic Acute

cat.1 - Very toxic to aquatic organisms.

Aquatic Chronic, cat.1 - Very toxic to aquatic life with long lasting effects.

- Information evaluation method (according to Article 9 of Regulation (EC) No 1272/2008) used for classification: computational.

- Changes in this update: alignment with Commission Regulation (EU) 2020/878 of 18/06/2020.

- Card prepared in accordance with 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 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). - Data sources: European Chemicals Agency (ECHA) and safety data sheets of raw material suppliers.

- The above data is based on our current knowledge. However, it cannot constitute a guarantee for specific product features and cannot be considered as legally binding commercial agreements.