

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: **MajsterFarba Silicate Paint**

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

Identified uses: exterior silicate paint for decorative and refinish paint coatings.

Uses advised against: not specified.

1.3. Details of the supplier of the safety data sheet

Supplier: MAJSTER – POL KOSIŃSCY SP. JAWNA

Address: Mienia 291, 05 - 319 Cegłów, Poland

Telephone No/Fax No: +48 25 757 05 54

E-Mail: majsterpol@majsterpol.pl

1.4. Emergency telephone number

+48 25 757 05 54 available on weekdays from Monday till Friday during office hours: 8 am – 3 pm

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| Hazard | Classification | According to Regulation (EC) no. 1272/2008 (CLP) |
|-----------------------------------|----------------|--|
| for physical-chemical properties: | | Not classified |
| for health hazards: | | Not classified |
| for environmental hazards: | | Aquatic Chronic 3, H412 Harmful to aquatic life with long lasting effects. |

2.2. Label elements

Hazard pictogram(s): Not applicable

Signal word(s): Not applicable

Hazard statement(s):

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

P273 Avoid release to the environment.

P501 Dispose of contents/container to licensed waste disposal site in accordance with national regulation.

2.3. Other hazards

Not known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| Substance name | % mass | Product identifier | Classification according to Regulation (EC) No. 1272/2008 (CLP) | |
|--------------------|--------|--|---|----------------|
| | | | Hazard class | Hazard class |
| Calcium carbonate* | 20-25 | CAS No: 471-34-1 EC No: 207-439-9 Index No: Not applicable Registration No: Not available | Not applicable | Not applicable |
| Dolomite* | 5-10 | CAS No: 16389-88-1 EC No: 240-440-2 Index No: Not applicable Registration No: Not available | Not applicable | Not applicable |
| Talc* | 5-10 | CAS No: 14807-96-6 EC No: 238-877-9 Index No: Not applicable Registration No: Not available | Not applicable | Not applicable |

| | | | | |
|-----------------------------|---------|---|---|---|
| Titanium dioxide* | Up to 5 | CAS No: 13463-67-7 EC No: 236-675-5 Index No: Not applicable Registration No: Not available | Not applicable | Not applicable |
| Zinc oxide* | <0.025 | CAS No: 1314-13-2 EC No: 215-222-5 Index No: 030-013-00-7 Registration No: 01-2119463881-32-xxxx | Aquatic Acute 1 Aquatic Chronic 1 | H400 (M=1) H410 (M=1) |
| Terbutryn | <0.005 | CAS No: 886-50-0 EC No: 212-950-5 Index No: Not applicable Registration No: Not available | Acute Tox. 4 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1 | H302 H317 H400 (M=100) H410 (M=100) |
| Pyrrithione zinc | <0.005 | CAS No: 13463-41-7 EC No: 236-671-3 Index No: Not applicable Registration No: Not available | Acute Tox. 3 Acute Tox. 4 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 | H301 H332 H318 H400 (M=100) H410 (M=1) |
| 2-octyl-2H-isothiazol-3-one | <0.005 | CAS No: 26530-20-1 EC No: 247-761-7 Index No: 613-112-00-5 Registration No: Not available | Acute Tox. 3 Acute Tox. 3 Acute Tox. 4 Skin Corr. 1B Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1 | H331 H311 H302 H314 H317 H400 (M=10) H410 (M=1) |

* substance with occupational exposure limits at the workplace

Suspension of pigments and fillers in the aqueous styrene-acrylic dispersion with auxiliary agents and pigments. The product does not contain other substances presenting a health or environmental hazard above the concentration limits given in the regulations.

The product contains hazardous substances (terbutryn, octhilineone and pyrrithione zinc) - concentration of the released substance has been taken into account for risk assessment.

The text of the H-phrases is shown in section 16 of the safety data sheet.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Move the victim to fresh air, keep warm and calm. If symptoms persist or you feel unwell, consult a doctor.

Contact with skin:

Take off contaminated clothing. Do not use any solvents or thinners for skin cleaning. Wash contaminated skin thoroughly with plenty of soap and water. If symptoms persist or you feel unwell, consult a doctor.

Contact with eyes:

Flush eyes with plenty of water for 10-15 minutes holding the eyelids open; Avoid strong stream of water due to risk of cornea damage. Do not use any eye ointments prior to medical consultation. Remove contact lenses if present. Get medical attention.

Ingestion:

Rinse mouth with plenty of water. If symptoms persist or you feel unwell, consult a doctor.

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

Not known.

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

Not specified.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing media suitable for the surrounding environment.

Unsuitable Extinguishing Media: Not known.

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

Alert personnel in the danger zone by using all available methods. If necessary, order evacuation, call the emergency services. Avoid breathing dust. Remove all sources of ignition. Cool imperilled containers with water. Prevent from entering contaminated water into sewers. People should be properly trained and equipped with

proper clothing and safety equipment: a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with the released product. Wear protective gloves and protective clothing. Use safety glasses.

6.2. Environmental precautions

Avoid groundwater contamination, secure sewer manhole.

6.3. Methods and material for containment and cleaning up

Collect spillage into a closed, labeled container; clean contaminated surface thoroughly with water. Put damaged packaging into a replacement packaging. Ventilate the area of spillage. After material collection, clean up the area.

6.4. Reference to other sections

Refer to Sections 8 and 13 of the safety data sheet.

SECTION 7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Use adequate ventilation. Keep standard precautions while handling chemicals. Avoid eye, skin and clothing contamination. Never eat, drink or smoke during use. Wash hands before breaks and after work, use hand cream if necessary. Take off contaminated clothing and wash it before re-use. It is recommended to use appropriate general ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry and well ventilated place at temperatures between +5°C and +25°C. Protect from excessive heat and frost. Previously opened containers store vertically to make the leakage of the product impossible. Store away from food.

7.3. Specific end use(s)

If not listed, refer to subsection 1.2 of the safety data sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Calcium carbonate - inhalable fraction NDS 10 mg/m³, NDSh -, NDSP -

Zinc oxide as Zn - inhalable fraction NDS 5 mg/m³, NDSh 10 mg/m³, NDSP -

Titanium dioxide - dust containing no asbestos and < 2% of free crystalline silica - inhalable fraction NDS 10 mg/m³

Dolomite dust containing no asbestos and < 2% of free crystalline silica - inhalable fraction NDS 10 mg/m³

Talc powder and talc containing mineral fibres (with asbestos fibres): a) talc without mineral fibres (and asbestos fibres) - inhalable fraction NDS 4 mg/m³, respirable fraction NDS 1 mg/m³

Regulation of the Minister of Labour and Social Policy of 29 June 2014 on maximum permissible concentration and intensity of agents harmful to health in the working environment (Journal of Laws of 2014, item 817)

DNEL: Not applicable PNEC: Not applicable

8.2. Exposure controls**Appropriate engineering controls:**

Use adequate ventilation in the workplace and storage room.

Eye/face protection:

Not required.

Skin protection:

Wash the body thoroughly after work. Wash contaminated clothing and shoes before re-use. Wear protective clothing and protective gloves.

Respiratory protection:

In case of insufficient ventilation use appropriate respiratory protection (mask or half mask with appropriate filter).

Thermal hazards:

Not known.

Environmental exposure controls:

Dispose of waste in compliance with national legislation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

| | |
|---|-------------------------|
| a) Appearance | : White liquid |
| b) Odour | : Faint |
| c) Odour threshold | : Data not available |
| d) pH | : Data not available |
| e) Melting point/freezing point | : Data not available |
| f) Initial boiling point and boiling range | : Not applicable |
| g) Flash point | : Not applicable |
| h) Evaporation rate | : Data not available |
| i) Flammability (solid, gas) | : Not applicable |
| j) Upper/lower flammability or explosive limits | : Data not available |
| k) Vapour pressure | : Data not available |
| l) Vapour density | : Not applicable |
| m) Relative density | : 1.5 g/cm ³ |
| n) Solubility(ies) | : Water miscible |
| o) Partition coefficient: n-octanol/water | : Data not available |
| p) Auto-ignition temperature | : Not applicable |
| q) Decomposition temperature | : Data not available |
| r) Viscosity | : Data not available |
| s) Explosive properties | : Not explosive |
| t) Oxidising properties | : Not applicable |

9.2. Other information

Not known.

SECTION 10. STABILITY AND REACTIVITY**10.1. Reactivity**

The product is not reactive.

10.2. Chemical stability

Mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Protect from heat, sunlight and frost.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

Not known when used and stored as intended. Hazardous combustion products are included in Section 5 of the safety data sheet.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity:**

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

SECTION 12. ECOLOGICAL INFORMATION**12.1. Toxicity****Aquatic compartment/ sediment / terrestrial compartment:**

Harmful to aquatic life with long lasting effects (calculation method).

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

The mixture components do not meet the criteria for PBT or vPvB in accordance with Annex XIII REACH Regulation.

12.6. Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Product disposal: Treat small quantities generated by the consumers as household waste. Do not discharge large quantities of waste product into drains. Dispose of waste product to an authorized incineration plants or waste treatment plant in compliance with current legislation.

Packaging disposal: Packaging product can be treated as household waste. Waste generated during professional use should be recovered, recycled or disposed of in compliance with current legislation.

Directive 2008/98/EC of the European Parliament and of the Council of the Member State.

SECTION 14. TRANSPORT INFORMATION

| | |
|---|----------------|
| 14.1. UN 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 | Not applicable |
| 14.6. Special precautions for user | Not applicable |
| 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code | Not applicable |

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

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 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 Directive 2008/98/EC of the European Parliament and of the Council of the Member State.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture.

SECTION 16. OTHER INFORMATION

Classification method:

Calculation method.

Changes made in the safety data sheet during revision:

Adaptation to Regulation (EU) 2015/830.

Legend to abbreviations and acronyms used in the safety data sheet:

| | |
|-------|--|
| NDS | Occupational Exposure Limit (Poland) |
| NDSch | Short-term Occupational Exposure Limit (Poland) |
| NDSP | Ceiling Exposure Limit (Poland) |
| vPvB | Very persistent and very bioaccumulative (substance) |
| PBT | Persistent, bioaccumulative and toxic (substance) |
| PNEC | Predicted No Effect Concentration |
| DNEL | Derived No Effect Levels |

Literature references and sources for data:

Regulations/legislations mentioned in sections 2 – 15 of safety data sheet. Information provided by the manufacturer. Information contained in the MSDSs of the mixture components.

List of relevant hazard statements and/or precautionary statements, which are not written out in full under Sections 2 to 15:

| | |
|------|---|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Advice on any training appropriate for workers to ensure protection of human health and the environment:

Detailed recommendations are not available.

Medical examinations of employees and harmful factors measurements should be made in accordance with current legislation.

Information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information provided herein serves only as guidelines for safe use, transport, distribution, and storage. It cannot be considered as a warranty or quality certificate. This information applies only to specific material designated and may not be suitable for such material used in combination with any other materials or in any other manner not described in this document. The author does not take any responsibility for improper use of the information provided in this safety data sheet.