

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

| | |
|-------------------------------|------------------------------|
| Product Name | COLOR SAMPLES -BASE 1 |
| Product Code | 1271X |
| Alternate Product Code | 1271X |
| Product Class | Water thinned paint |
| Color | All |
| Recommended use | Paint |
| Restrictions on use | No information available |

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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|---------------------------|----------------------|
| Skin sensitization | Category 1A - (H317) |
|---------------------------|----------------------|

2.2. Label elements

Product Identifier
Contains 2-Methyl-4-isothiazolin-3-one



Signal word
Warning

Hazard statements

H317 - May cause an allergic skin reaction

EUH208 - Contains (1,2-Benzisothiazolin-3-one). May produce an allergic reaction

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear eye protection/ face protection

P321 - Specific treatment (see supplemental first aid instructions on this label)

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards**General Hazards**

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable

3.2 Mixtures

| Chemical name | EINECS/ELINCS No. | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|-------------------------------|-------------------|------------|-----------------|---|---------------------------|
| Titanium dioxide | 236-675-5 | 13463-67-7 | >=20 - <25 | Not available | 01-2119489379-17-0168 |
| Propylene glycol | 200-338-0 | 57-55-6 | >=1 - <5 | Not available | 01-2119456809-23-0224 |
| 2-Methyl-4-isothiazolin-3-one | 220-239-6 | 2682-20-4 | >=0.01 - < 0.05 | Skin Corr. 1B (H314) Skin Sens. 1 (H317) Acute Tox. 4 (H302) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) | Not available |
| 1,2-Benzisothiazolin-3-one | 220-120-9 | 2634-33-5 | >=0.005 - <0.01 | Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) | Not available |

Full text of H- and EUH-phrases: see section 16

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

| Chemical name | CAS No. | SVHC candidates |
|---|------------|-----------------|
| Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-, branched | 68412-54-4 | Present |

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures**Description of first aid measures**

| | |
|-----------------------|---|
| General Advice | No hazards which require special first aid measures. |
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. |
| Ingestion | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary. |

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

| | |
|--|-----------------------------------|
| Most Important Symptoms/Effects | May cause allergic skin reaction. |
|--|-----------------------------------|

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

| | |
|---------------------------|------------------------|
| Notes To Physician | Treat symptomatically. |
|---------------------------|------------------------|

Section 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

| | |
|---------------------------------------|---|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable Extinguishing Media | No information available. |

5.2. Special hazards arising from the substance or mixture

| | |
|---|---|
| Specific Hazards Arising From The Chemical | Closed containers may rupture if exposed to fire or extreme heat. |
| Sensitivity to static discharge | No |
| Sensitivity to mechanical impact | No |

5.3. Advice for firefighters

| | |
|--|--|
| Protective equipment and precautions for firefighters | Wear self-contained breathing apparatus and protective suit. |
|--|--|

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

| | |
|---|---|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. |
| Other Information | Observe all relevant local and international regulations. |
| <u>6.2. Environmental precautions</u> | |
| Environmental precautions | Prevent spreading of vapors through sewers, ventilation systems and confined areas. |
| <u>6.3. Methods and material for containment and cleaning up</u> | |
| Methods for Containment | Absorb with inert material and place in suitable container for disposal. |
| Methods for Cleaning Up | Clean contaminated surface thoroughly. |
| <u>6.4. Reference to other sections</u> | |
| Other information | See Section 12 for additional information. |

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

| | |
|-------------------------|--|
| Handling | Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Hygiene Measures | Wash thoroughly after handling. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------|---|
| Storage | Keep container tightly closed. Keep out of the reach of children. |
|----------------|---|

7.3. Specific end use(s)

| | |
|--------------------------------------|--|
| Specific Uses | Architectural coating. Apply as directed. Refer to product label / literature for specific instructions. |
| Risk Management Methods (RMM) | Not Applicable. |

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Chemical name | European Union | Belgium | Bulgaria | Cyprus | France | Ireland |
|--------------------------------|----------------|---------------------------|---|--------|---------------------------|--|
| Titanium dioxide 13463-67-7 | - | TWA: 10 mg/m ³ | TWA: 10.0 mg/m ³ TWA: 1.0 mg/m ³ | - | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ |
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm |

| Chemical name | Germany | Greece | Hungary | Iceland | Italy | Latvia | |
|--------------------------------|--------------------------|---|---|---|---------------------------|---------------------------|--|
| Titanium dioxide 13463-67-7 | - | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | - | 6 mg/m ³ TWA | - | TWA: 10 mg/m ³ | |
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 7 mg/m ³ | |
| Chemical name | Lithuania | Netherlands | Poland | Romania | Spain | Sweden | United Kingdom |
| Titanium dioxide 13463-67-7 | TWA: 5 mg/m ³ | - | STEL: 30 mg/m ³ TWA: 10 mg/m ³ | TWA: 10 mg/m ³ STEL: 15 mg/m ³ | TWA: 10 mg/m ³ | TLV: 5 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ |
| Propylene glycol 57-55-6 | TWA: 7 mg/m ³ | - | TWA: 100 mg/m ³ | - | - | - | TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³ |

8.2. Exposure controls

Occupational exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Eye Protection

Safety glasses with side-shields.

Skin Protection

Lightweight protective clothing.

Hand protection

Impervious gloves.

Hygiene Measures

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|----------------|--------------------------|
| Appearance | liquid |
| Odor | little or no odor |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|------------------|--------------------------|------------------------|
| Density (g/L) | 1318 - 1330 | None known |
| Relative Density | 1.32 - 1.34 | |
| pH | No information available | None known |
| Viscosity (cps) | No information available | None known |
| Solubility(ies) | No information available | None known |
| Water solubility | No information available | None known |
| Evaporation Rate | No information available | None known |
| Vapor pressure | No information available | None known |
| Vapor density | No information available | None known |

| | | |
|--------------------------------|--------------------------|------------|
| Wt. % Solids | 45 - 55 | None known |
| Vol. % Solids | 30 - 40 | None known |
| Wt. % Volatiles | 45 - 55 | None known |
| Vol. % Volatiles | 60 - 70 | None known |
| Boiling Point (°C) | 100 | None known |
| Freezing Point (°C) | 0 | None known |
| Melting Point (°C) | No information available | None known |
| Pour Point | No information available | None known |
| Flash Point (°C) | Not applicable | None known |
| Flammability (solid, gas) | No information available | None known |
| Upper flammability limit: | No information available | None known |
| Lower flammability limit: | No information available | None known |
| Autoignition Temperature (°C) | No information available | None known |
| Decomposition Temperature (°C) | No information available | None known |
| Partition coefficient | No information available | None known |
| Explosive properties | No information available | None known |
| Oxidizing Properties | No information available | None known |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity Not Applicable.

10.2. Chemical stability

Chemical Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid Prevent from freezing.

10.5. Incompatible materials

Incompatible Materials No materials to be especially mentioned.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal conditions of use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation There is no data available for this product.

Eye contact There is no data available for this product.

Skin contact

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion

There is no data available for this product.

Acute Toxicity**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|--|--------------------------|-------------------------|
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | | |
| Propylene glycol 57-55-6 | = 20 g/kg (Rat) | = 20800 mg/kg (Rabbit) | |
| 2-Methyl-4-isothiazolin-3-one 2682-20-4 | 232 - 249 mg/kg (Rat) = 120 mg/kg (Rat) | = 200 mg/kg (Rabbit) | = 0.11 mg/L (Rat) 4 h |
| 1,2-Benzisothiazolin-3-one 2634-33-5 | = 1020 mg/kg (Rat) | | |

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

Sensitization

May cause an allergic skin reaction.

Mutagenic Effects

No information available.

Carcinogenic effects

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | European Union | IARC |
|--------------------------------|----------------|--------------------------------|
| Titanium dioxide 13463-67-7 | | 2B - Possible Human Carcinogen |

• Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

Legend

IARC - International Agency for Research on Cancer

Reproductive Effects

Possible risk of impaired fertility. Possible risk of harm to the unborn child.

Developmental Effects

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Neurological Effects

No information available.

Target organ effects

No information available.

Symptoms

No information available.

Aspiration Hazard

No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The environmental impact of this product has not been fully investigated

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|-----------------------------|--|--|---|
| Propylene glycol 57-55-6 | EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata) | LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 710 mg/L Pimephales promelas (96 h) LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h) | EC50 > 1000 mg/L (48 h) EC50 > 10000 mg/L (24 h) |

12.2. Persistence and degradability

Persistence / Degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

| Chemical name | Partition coefficient |
|---|-----------------------|
| 1,2-Benzisothiazolin-3-one 2634-33-5 | 1.3 |

12.4. Mobility in soil

Mobility in soil

No information available.

Mobility in Environmental Media

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

No information available.

| Chemical name | PBT and vPvB assessment |
|--|--|
| Titanium dioxide 13463-67-7 | The substance is not PBT / vPvB PBT assessment does not apply |
| Propylene glycol 57-55-6 | The substance is not PBT / vPvB PBT assessment does not apply |
| 2-Methyl-4-isothiazolin-3-one 2682-20-4 | The substance is not PBT / vPvB |
| 1,2-Benzisothiazolin-3-one 2634-33-5 | The substance is not PBT / vPvB |

12.6. Other adverse effects

Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

| | |
|--|---|
| Waste from Residues/Unused Products | Dispose of in accordance with the European Directives on waste and hazardous waste. |
| Contaminated Packaging | Empty containers should be taken for local recycling, recovery or waste disposal. |
| EWC waste disposal No | No information available |
| Other Information | Waste codes should be assigned by the user based on the application for which the product was used. |

Section 14: TRANSPORT INFORMATION

| | |
|-------------|---------------|
| IMDG | Not regulated |
| RID | Not regulated |
| ADR | Not regulated |
| ADN | Not regulated |
| IATA | Not regulated |

Section 15: REGULATORY INFORMATION

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

Occupational Illnesses (R-463-3, France)

| Chemical name | French RG number |
|---|------------------|
| Propylene glycol 57-55-6 | RG 84 |
| 1,2-Benzisothiazolin-3-one 2634-33-5 | RG 65 |

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

| | |
|-------------------------------|--|
| AICS | No - Not all of the components are listed. |
| DSL: Canada | Yes - All components are listed or exempt. |
| EINECS: European Union | No - Not all of the components are listed. |
| ENCS | No - Not all of the components are listed. |
| IECSC | No - Not all of the components are listed. |
| KECL (Annex 1) | No - Not all of the components are listed. |
| PICCS | No - Not all of the components are listed. |
| TSCA: United States | Yes - All components are listed or exempt. |

Legend

AICS - Australian Inventory of Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
IECSC - China Inventory of Existing Chemical Substances
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

15.2. Chemical safety assessment**Chemical Safety Report**

No information available

Section 16: OTHER INFORMATION**Full text of H-Statements referred to under section 3**

H301 - Toxic if swallowed
H302 - Harmful if swallowed
H311 - Toxic 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
H335 - May cause respiratory irritation
H400 - Very toxic to aquatic life

Classification procedure:

Expert judgment and weight of evidence determination

Key literature references and sources for data

Data from internal and external sources

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End of Safety Data Sheet