

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 2
Product Code	1272X
Alternate Product Code	1272X
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)
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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 industrial incineration 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
Limestone	215-279-6	1317-65-3	>=15 - <20	Not available	Not available
Titanium dioxide	236-675-5	13463-67-7	>=10 - <15	Not available	01-2119489379-17-0168
Propylene glycol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23-0224
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	>=0.01 - < 0.05	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	Not available
Silica, crystalline	238-878-4	14808-60-7	>=0.01 - < 0.05	STOT RE 1 (H372)	Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	>=0.001 - <0.005	Skin Corr. 1B (H314) Skin Sens. 1 (H317) Acute Tox. 4 (H302) Acute Tox. 3 (H331) Aquatic Acute 1 (H400)	Not available

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

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.

6.2. Environmental precautions**Environmental precautions**

Prevent spreading of vapors through sewers, ventilation systems and confined areas.

6.3. Methods and material for containment and cleaning up**Methods for Containment**

Absorb with inert material and place in suitable container for disposal.

Methods for Cleaning Up

Clean contaminated surface thoroughly.

6.4. Reference to other sections**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
Limestone 1317-65-3	-	TWA: 10 mg/m ³	TWA: 1.0 fiber/cm 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
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	
Limestone 1317-65-3	-	TWA: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³	-	-	-	
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
Limestone 1317-65-3	-	-	-	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
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

Property	Values	Remarks/ Method
Density (g/L)	1246 - 1282	None known
Relative Density	1.24 - 1.29	
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)	
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)		
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

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	No information available.
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
1,2-Benzisothiazolin-3-one 2634-33-5	The substance is not PBT / vPvB
2-Methyl-4-isothiazolin-3-one 2682-20-4	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
Silica, crystalline 14808-60-7	RG 25

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
H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
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