



SAFETY DATA SHEET

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

Product Name	FLOOR & PATIO LATEX ENAMEL - BASE 1
Product Code	N1221X
Product List	N1221X A1
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.

REGULATION (EC) No 1272/2008

Skin sensitization	Category 1 - (H317)
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Classification according to EU Directives 67/548/EEC or 1999/45/EC
For the full text of the R phrases mentioned in this Section, see Section 16

Symbol(s)
Xi - Irritant

R-code(s)
R43

2.2.

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

**Signal word**

Warning

Hazard statements

H317 - May cause an allergic skin reaction

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

P280 - Wear eye protection/ face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

2.3.**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 % (max)	EU Classification	EU - GHS Substance Classification	REACH No.
Titanium dioxide	236-675-5	13463-67-7	20	Unclassified		Not available
Barium sulfate	231-784-4	7727-43-7	15	Unclassified		Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	0.005	C;R34 Xn;R22 T;R23 R43 N; R50	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)	Not available

For the full text of the R phrases mentioned in this Section, see Section 16

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

Section 4: FIRST AID MEASURES

4.1.**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 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
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4.3.**Indication of any immediate medical attention and special treatment needed**

Notes To Physician	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES**5.1.**

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

5.2.

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.

Protective Equipment And Precautions For Firefighters	Wear self-contained breathing apparatus and protective suit.
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Section 6: ACCIDENTAL RELEASE MEASURES**6.1.**

Personal Precautions	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
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Other Information

Observe all relevant local and international regulations.

6.2.**Environmental Precautions**

Prevent further leakage or spillage if safe to do so.

6.3.**Methods For Containment**

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

Methods For Clean-Up

Clean contaminated surface thoroughly.

6.4.**Other information**

See Section 12 for additional information.

Section 7: HANDLING AND STORAGE**7.1.****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.**Storage**

Keep container tightly closed. Keep out of the reach of children.

7.3.**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.****Exposure limits**

Chemical Name	EU	United Kingdom	Belgium	Bulgaria	Cyprus	Greece
Titanium dioxide 13463-67-7		TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³		TWA: 10 mg/m ³ TWA: 5 mg/m ³
Barium sulfate 7727-43-7		TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³		

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
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Titanium dioxide 13463-67-7 (16.3178)	TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 10.0 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 10 mg/m ³
Barium sulfate 7727-43-7 (12.1896)	TWA: 2 mg/m ³					TWA: 10 mg/m ³

8.2.**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.****Appearance**

liquid

Odor

little or no odor

Odor Threshold

No information available

Property**Values****Remarks/ Method****Density (g/L)**

1294 - 1342

None known

Relative Density

1.29 - 1.35

None known

pH

No information available

None known

Viscosity (cps)

No information available

None known

Solubility

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

VOC Regulatory Limit (g/L)

< 50

None known

Boiling Point (°C)

100

None known

Freezing Point (°C)

0

None known

Melting Point (°C)

No information available

None known

Flash Point (°C)

Not applicable

None known

Flammability (solid, gas)

No information available

None known

Upper Explosion Limit

No information available

None known

Lower Explosion Limit

No information available

None known

Autoignition Temperature (°C)	No information available	None known
Decomposition Temperature (°C)	No information available	None known
Partition Coefficient (n-octanol/water)	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

Not Applicable.

10.2.

Chemical Stability

Stable under normal conditions.

10.3.

Possibility Of Hazardous Reactions

None under normal conditions of use.

10.4.

Conditions To Avoid

Prevent from freezing.

10.5.

Incompatible Materials

No materials to be especially mentioned.

10.6.

Hazardous Decomposition Products

None under normal use.

Section 11: TOXICOLOGICAL INFORMATION

11.1.

Product Information

Inhalation

There is no data available for this product.

Eye contact

There is no data available for this product.

Skin contact

There is no data available for this product.

Ingestion

There is no data available for this product.

Acute Toxicity

Component

Chemical Name	LD50 Oral:	LD50 Dermal:	LC50 Inhalation:
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)		

Skin corrosion/irritation

No information available.

Eye damage/irritation No information available.

Sensitization: May cause sensitization by skin contact.

Mutagenic Effects No information available.

Carcinogenic effects

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

Chemical Name	EU Annex I Carcinogen Information	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."

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

12.2.

Persistence / Degradability No information available.

12.3.

Bioaccumulation / Accumulation No information available.

12.4.

Mobility in soil No information available.

Mobility in Environmental Media No information available.

12.5.

PBT and vPvB assessment No information available.

12.6.

Other adverse effects No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1.

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 / IMO 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)

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: Australia No - Not all of the components are listed.

DSL: Canada
EINECS: European Union
ENCS : Japan
IECS : China
KECL: South Korea
PICCS: Philippines
TSCA: United States

Yes - All components are listed or exempt.
 No - Not all of the components are listed.
 No - Not all of the components are listed.
 No - Not all of the components are listed.
 No - Not all of the components are listed.
 No - Not all of the components are listed.
 Yes - All components are listed or exempt.

Legend

AICS - Australian Inventory of Chemical Substances
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
IECSC - China Inventory of Existing Chemical Substances
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU 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 Report

No information available

Section 16: OTHER INFORMATION

Text of R phrases mentioned in Sections 2 & 3

R34 - Causes burns
 R22 - Harmful if swallowed
 R23 - Toxic by inhalation
 R43 - May cause sensitization by skin contact
 R50 - Very toxic to aquatic organisms

Full text of H-Statements referred to under section 3

H301 - Toxic 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
 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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Revision Summary

Change to Format

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End of Safety Data Sheet