

SAFETY DATA SHEET

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

Product Name AURA WATERBORNE INTERIOR SEMI-GLOSS FINISH BASE 1
Product Code 5281X
Product List 5281X D3;5281X D3A1
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)

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 - GHS Substance Classification | REACH No. |
|-------------------------------|-------------------|------------|----------------|--|---------------|
| Titanium dioxide | 236-675-5 | 13463-67-7 | 25 | | Not available |
| Kaolin | 310-194-1 | 1332-58-7 | 5 | | Not available |
| Silica, amorphous | 231-545-4 | 7631-86-9 | 5 | | Not available |
| 2-Methyl-4-isothiazolin-3-one | 220-239-6 | 2682-20-4 | 0.005 | 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 |

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

4.3.

Indication of any immediate medical attention and special treatment needed

Notes To Physician Treat symptomatically.

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.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1.

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 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 |
| Kaolin 1332-58-7 | | TWA: 2 mg/m ³ STEL: 6 mg/m ³ | TWA: 2 mg/m ³ | TWA: 3.0 mg/m ³ TWA: 6.0 mg/m ³ | | |
| Silica, amorphous 7631-86-9 | | TWA: 2.4 mg/m ³ TWA: 6 mg/m ³ STEL: 18 mg/m ³ STEL: 7.2 mg/m ³ | | | | |

| Component | Ireland | Latvia | Lithuania | Poland | Romania | Spain |
|--|--|---------------------------|--------------------------|---|---|-----------------------------|
| Titanium dioxide 13463-67-7 (22.8577) | 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 |
| Kaolin 1332-58-7 (1.81336) | TWA: 2 mg/m ³ | | | NDS: 10.0 mg/m ³ | TWA: 2 mg/m ³ | VLA-ED: 2 mg/m ³ |
| Silica, amorphous 7631-86-9 (1.14503) | TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ | TWA: 1 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 |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|--|--------------------------|------------------------|
| Density (g/L) | 1282 - 1318 | None known |
| Relative Density | 1.28 - 1.32 | 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 | 50 - 60 | None known |
| Vol. % Solids | 35 - 45 | None known |
| Wt. % Volatiles | 40 - 50 | None known |
| Vol. % Volatiles | 55 - 65 | None known |
| VOC Regulatory Limit (g/L) | 0 | 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

| | |
|-------------------|-----------------|
| <u>10.1.</u> | |
| Reactivity | Not Applicable. |
| <u>10.2.</u> | |

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

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) | | |
| Silica, amorphous 7631-86-9 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 2.2 mg/L (Rat) 1 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 | 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

| Chemical Name | Freshwater Algae Data | Freshwater Fish Species Data | Water Flea Data |
|--------------------------------|------------------------|---|-------------------------|
| Silica, amorphous 7631-86-9 | EC50 = 440 mg/L (72 h) | LC50 = 5000 mg/L Brachydanio rerio (96 h) | EC50 = 7600 mg/L (48 h) |

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)

| Chemical Name | French RG number |
|--------------------------------|------------------|
| Silica, amorphous 7631-86-9 | 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 **text to appear**

International Inventories

AICS: Australia

No - Not all of the components are listed.

DSL: Canada

No - Not all of the components are listed.

One or more component is listed on NDSL.

| | |
|-------------------------------|--|
| EINECS: European Union | No - Not all of the components are listed. |
| ENCS : Japan | No - Not all of the components are listed. |
| IECS : China | No - Not all of the components are listed. |
| KECL: South Korea | No - Not all of the components are listed. |
| PICCS: Philippines | 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/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

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