

## SAFETY DATA SHEET

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

**Product Name** ARBORCOAT SOLID DECK & SIDING STAIN BASE 3  
**Product Code** 6403X  
**Product List** 6403X A5  
**Product Class** LATEX STAIN  
**Color** All  
**Recommended use** Stain  
**Restrictions on use** No information available

**Manufacturer**  
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### Section 2: HAZARDS IDENTIFICATION

#### 2.1.

REGULATION (EC) No 1272/2008

<b>Skin sensitization</b>	Category 1 - (H317)
<b>Chronic aquatic toxicity</b>	Category 2 - (H411)

#### 2.2.

**Product Identifier**  
 Contains 2-N-octyl-4-Isothiazolin-3-One



**Signal word**  
 Warning

**Hazard statements**

H317 - May cause an allergic skin reaction H411 - Toxic to aquatic life with long lasting effects

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

P280 - Wear protective gloves/protective clothing/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

P273 - Avoid release to the environment

**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	5		Not available
Zinc oxide	215-222-5	1314-13-2	5	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	206-354-4	330-54-1	0.3	Acute Tox. 4 (H302) STOT RE 2 (H373) Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available
2-N-octyl-4-Isothiazolin-3-One	247-761-7	26530-20-1	0.1	Acute Tox. 4 (H302) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Acute Tox. 3 (H331) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	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.

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<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	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**

<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction
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4.3.

**Indication of any immediate medical attention and special treatment needed**

<b>Notes To Physician</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES**

5.1.

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

5.2.

<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Static Discharge</b>	No.
<b>Sensitivity To Mechanical Impact</b>	No.

5.3.

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

6.1.

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	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 <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Zinc oxide 1314-13-2			STEL: 10 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5.0 mg/m <sup>3</sup> STEL: 10.0 mg/m <sup>3</sup>		TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Titanium dioxide 13463-67-7 ( 4.70425 )	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Zinc oxide 1314-13-2 ( 1.23336 )	TWA: 2 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>

**8.2.**

**Occupational exposure controls**

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b><u>Personal Protective Equipment</u></b>	
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Eye Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Lightweight protective clothing.
<b>Hand protection</b>	Impervious gloves.
<b>Hygiene Measures</b>	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.**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>Density (g/L)</b>	1234 - 1270	None known
<b>Relative Density</b>	1.23 - 1.27	None known
<b>pH</b>	No information available	None known
<b>Viscosity (cps)</b>	No information available	None known
<b>Solubility</b>	No information available	None known
<b>Water Solubility</b>	No information available	None known
<b>Evaporation Rate</b>	No information available	None known
<b>Vapor Pressure</b>	No information available	None known
<b>Vapor Density</b>	No information available	None known
<b>Wt. % Solids</b>	40 - 50	None known
<b>Vol. % Solids</b>	30 - 40	None known
<b>Wt. % Volatiles</b>	50 - 60	None known
<b>Vol. % Volatiles</b>	60 - 70	None known
<b>VOC Regulatory Limit (g/L)</b>	< 100	None known
<b>Boiling Point (°C)</b>	100	None known
<b>Freezing Point (°C)</b>	0	None known
<b>Melting Point (°C)</b>	No information available	None known
<b>Flash Point (°C)</b>	Not applicable	None known
<b>Flammability (solid, gas)</b>	No information available	None known
<b>Upper Explosion Limit</b>	No information available	None known
<b>Lower Explosion Limit</b>	No information available	None known
<b>Autoignition Temperature (°C)</b>	No information available	None known
<b>Decomposition Temperature (°C)</b>	No information available	None known
<b>Partition Coefficient (n-octanol/water)</b>	No information available	None known
<b>Explosive properties</b>	No information available	None known
<b>Oxidizing Properties</b>	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** 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 )		
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )		
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl - 330-54-1	= 1017 mg/kg ( Rat )		> 0.265 mg/L ( Rat )

2-N-octyl-4-Isothiazolin-3-One 26530-20-1	= 550 mg/kg ( Rat )	= 690 mg/kg ( Rabbit )	
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**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
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	Carc. 2	

• 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**

Toxic to aquatic life with long lasting effects

Chemical Name	Freshwater Algae Data	Freshwater Fish Species Data	Water Flea Data
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Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl - 330-54-1	EC50 = 0.036 mg/L (72 h) EC50 < 0.1 mg/L (72 h)	LC50 13.4 - 15 mg/L Pimephales promelas (96 h) LC50 2.3 - 3.3 mg/L Lepomis macrochirus (96 h) LC50 = 4 mg/L Lepomis macrochirus (96 h) LC50 1.5 - 2.54 mg/L Oncorhynchus mykiss (96 h) LC50 = 14.7 mg/L Oncorhynchus mykiss (96 h) LC50 = 2.9 mg/L Cyprinus carpio (96 h)	EC50 = 1.4 mg/L (48 h) EC50 6.3 - 13 mg/L (48 h)
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**12.2.**

**Persistence / Degradability** No information available.

**12.3.**

**Bioaccumulation / Accumulation** No information available.

Chemical Name	log Pow =
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	2.82

**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

Chemical Name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Urea, N-(3,4-dichlorophenyl)-N,N-d imethyl-	Group II Chemical		

**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

<u>IMDG / IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated
<u>IATA</u>	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

<b>AICS: Australia</b>	No - Not all of the components are listed.
<b>DSL: Canada</b>	Yes - All components are listed or exempt.
<b>EINECS: European Union</b>	No - Not all of the components are listed.
<b>ENCS : Japan</b>	No - Not all of the components are listed.
<b>IECS : China</b>	No - Not all of the components are listed.
<b>KECL: South Korea</b>	No - Not all of the components are listed.
<b>PICCS: Philippines</b>	No - Not all of the components are listed.
<b>TSCA: United States</b>	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.

<b>Chemical Safety Report</b>	No information available
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## Section 16: OTHER INFORMATION

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**Full text of H-Statements referred to under section 3**

H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H302 - Harmful if swallowed  
H373 - May cause damage to organs through prolonged or repeated exposure  
H351 - Suspected of causing cancer  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H331 - Toxic if inhaled  
H317 - May cause an allergic skin reaction

<b>Classification procedure:</b>	Expert judgment and weight of evidence determination
<b>Key literature references and sources for data</b>	Data from internal and external sources
<b>Prepared By</b>	Product Stewardship Department Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 855-724-6802
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**End of Safety Data Sheet**