

## SAFETY DATA SHEET

Issuing Date 28-Aug-2015

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

<b>Product Name</b>	<b>ARBORCOAT SOLID DECK &amp; SIDING STAIN BASE 4</b>
<b>Product Code</b>	<b>6404X</b>
<b>Product List</b>	6404X A5
<b>Product Class</b>	LATEX STAIN
<b>Color</b>	All
<b>Recommended use</b>	Stain
<b>Restrictions on use</b>	No information available

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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.
Zinc oxide	215-222-5	1314-13-2	5	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Not available
Propylene glycol	200-338-0	57-55-6	5		Not available
Urea, N-(3,4-dichlorophenyl)-N,N-di methyl-	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
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>
Propylene glycol 57-55-6		TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm				

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Zinc oxide 1314-13-2 ( 1.26457 )	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>
Propylene glycol 57-55-6 ( 1.1686 )	TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 7 mg/m <sup>3</sup>	IPRV: 7 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

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>Density (g/L)</b>	1210 - 1246	None known
<b>Relative Density</b>	1.21 - 1.25	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

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**

<b>10.1.</b> Reactivity	Not Applicable.
<b>10.2.</b> Chemical Stability	Stable under normal conditions.
<b>10.3.</b> Possibility Of Hazardous Reactions	None under normal conditions of use.
<b>10.4.</b> Conditions To Avoid	Prevent from freezing.
<b>10.5.</b> Incompatible Materials	No materials to be especially mentioned.
<b>10.6.</b> Hazardous Decomposition Products	None under normal use.

**Section 11: TOXICOLOGICAL INFORMATION**

<b>11.1.</b> <u>Product Information</u>	
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:
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )		
Propylene glycol 57-55-6	= 20000 mg/kg ( Rat )	= 20800 mg/kg ( Rabbit )	

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 )	

**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
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl- 330-54-1	Carc. 2	

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
Propylene glycol 57-55-6		LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h) LC50 = 710 mg/L Pimephales promelas (96 h)	EC50 > 1000 mg/L (48 h)

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)

Chemical Name	French RG number
Propylene glycol 57-55-6	RG 84

#### 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.

**Chemical Safety Report**

No information available

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## Section 16: OTHER INFORMATION

### 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
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**End of Safety Data Sheet**