

SAFETY DATA SHEET

Revision Date: 10-Aug-2018 Revision Number: 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AURA WATERBORNE EXTERIOR SEMI-GLOSS FINISH BASE 4

Product Code 6324X Alternate Product Code 6324X

Product Class WATER THINNED PAINT

Color All Recommended use Paint

Restrictions on use No information available

Manufacturer Emergency Telephone

Benjamin Moore & Co. CHEMTREC (US): 800-424-9300
101 Paragon Drive CHEMTREC (outside US): (703)-527-3887

Montvale, NJ 07645 Phone: 1-866-708-9180 www.benjaminmoore.com

HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1A
Carcinogenicity	Category 2

Label elements

Warning

Hazard statements

May cause an allergic skin reaction Suspected of causing cancer





Appearance liquid Odor little or no odor

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

No information available

Other hazards

May cause allergic skin reaction

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Hexanedioic acid, dihydrazide	1071-93-8	1
Sodium C14-C16 olefin sulfonate	68439-57-6	0.5
Decanedioic acid,	41556-26-7	0.5
bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester		
Poly(oxy-1,2-ethanediyl),	104810-48-2	0.5
.alpha[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimeth		
ylethyl)-4-hydroxyphenyl]-1-oxopropyl]omegah		
ydroxy-		
Zinc oxide	1314-13-2	0.5
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	330-54-1	0.5
Poly(oxy-1,2-ethanediyl),	104810-47-1	0.5
.alpha[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimeth		
ylethyl)-4-hydroxyphenyl]-1-oxopropyl]omega[
3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-		
4-hydroxyphenyl]-1-oxoprop		

4. FIRST AID MEASURES

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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. If skin irritation persists, call a physician. Wash

clothing before reuse. Destroy contaminated articles such as 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.

Most Important Symptoms/Effects May cause allergic skin reaction.

Notes To Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Protective Equipment And Precautions For As in any fire, wear self-contained breathing apparatus

Firefighters

pressure-demand, MSHA/NIOSH (approved or equivalent)

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and full protective gear.

Specific Hazards Arising From The Chemical Closed containers may rupture if exposed to fire or

extreme heat.

Sensitivity To Mechanical Impact No

Sensitivity To Static Discharge No

Flash Point Data

Flash Point (°F)

Flash Point (°C)

Method

Not applicable

Not applicable

Flammability Limits In Air

Lower flammability limit:

Upper flammability limit:

Not applicable
Not applicable

NFPA Health: 1 Flammability: 0 Instability: 0 Special: Not Applicable

NFPA Legend

0 - Not Hazardous

1 - Slightly

2 - Moderate

3 - High

4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. ACCIDENTAL RELEASE MEASURES

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

Other Information Prevent further leakage or spillage if safe to do so.

Environmental precautions See Section 12 for additional Ecological Information.

Methods for Cleaning Up Soak up with inert absorbent material. Sweep up and shovel into suitable

containers for disposal.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or

sanding dust. In case of insufficient ventilation, wear suitable respiratory

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equipment.

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

Incompatible Materials No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Zinc oxide	2 mg/m³ - TWA	5 mg/m³ - TWA
	10 mg/m ³ - STEL	15 mg/m³ - TWA
Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-	10 mg/m³ - TWA	N/E

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eve/Face Protection Safety glasses with side-shields.

Skin Protection Protective gloves and impervious clothing.

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures Avoid contact with skin, eyes and clothing. Remove and wash contaminated

clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid

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Odor little or no odor

Odor Threshold No information available

 Density (lbs/gal)
 8.6 - 9.0

 Specific Gravity
 1.03 - 1.08

pHNo information availableViscosity (cps)No information availableSolubility(ies)No information available

Water solubilityNo information availableEvaporation RateNo information availableVapor pressure @20 °C (kPa)No information availableVapor densityNo information available

 Wt. % Solids
 30 - 40

 Vol. % Solids
 25 - 35

 Wt. % Volatiles
 60 - 70

 Vol. % Volatiles
 65 - 75

 VOC Regulatory Limit (g/L)
 < 50</td>

 Boiling Point (°F)
 212

 Boiling Point (°C)
 100

Freezing Point (°F)

Freezing Point (°C)

Flash Point (°F)

Flash Point (°C)

Not applicable

Not applicable

MethodNot applicableFlammability (solid, gas)Not applicableUpper flammability limit:Not applicableLower flammability limit:Not applicable

Autoignition Temperature (°F)No information availableAutoignition Temperature (°C)No information availableDecomposition Temperature (°F)No information availableDecomposition Temperature (°C)No information availablePartition coefficientNo information available

10. STABILITY AND REACTIVITY

Reactivity Not Applicable

Chemical Stability Stable under normal conditions.

Conditions to avoid Prevent from freezing.

Incompatible Materials No materials to be especially mentioned.

Hazardous Decomposition Products

None under normal use.

Possibility of hazardous reactions None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

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Principal Routes of Exposure Eye contact, skin contact and inhalation.

Acute Toxicity

Product Information No information available

Symptoms related to the physical, chemical and toxicological characteristics

No information available **Symptoms**

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact May cause slight irritation.

Skin contact Substance may cause slight skin irritation. Prolonged or repeated contact may dry

skin and cause irritation.

Inhalation May cause irritation of respiratory tract.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

May cause an allergic skin reaction Sensitization

Neurological Effects No information available. **Mutagenic Effects** No information available. Reproductive Effects No information available. **Developmental Effects** No information available. No information available. Target organ effects STOT - single exposure No information available. STOT - repeated exposure No information available. No information available. Other adverse effects **Aspiration Hazard** No information available

Numerical measures of toxicity

Component Information

Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester

Sensitization May cause sensitization by skin contact

Poly(oxy-1,2-ethanediyl),

.alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-

Sensitization May cause sensitization by skin contact

Zinc oxide

LD50 Oral: 5000 mg/kg (Rat)

LC50 Inhalation (Dust): > 5700 mg/m³ (Rat, 4 hr.)

Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-

LD50 Oral: 1017 mg/kg (Rat) LD50 Dermal: > 5000 mg/kg (Rat)

Poly(oxy-1,2-ethanediyl),

.alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriaz

ol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxoprop

Sensitization May cause sensitization by skin contact

Carcinogenicity

Limited evidence of a carcinogenic effect.

Legend

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Product Information

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Persistence / Degradability

No information available.

Bioaccumulation

There is no data for this product.

Mobility in Environmental Media

No information available.

Ozone

No information available

Component Information

Acute Toxicity to Fish

<u>Urea, N-(3,4-dichlorophenyl)-N,N-dimethyl-</u> LC50: 3.5 mg/L (Rainbow Trout - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: United States Yes - All components are listed or exempt. **DSL: Canada** Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

Acute health hazard Yes Chronic Health Hazard Yes Fire hazard No Sudden release of pressure hazard No Reactive Hazard No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

None

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

None

US State Regulations

California Proposition 65

MARNING: Cancer and Reproductive Harm– www.P65warnings.ca.gov

State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania
Urea,	X	X	X
N-(3,4-dichlorophenyl)-N,N-dimethyl-			

Legend

X - Listed

16. OTHER INFORMATION

HMIS - Health: 1* Flammability: 0 Reactivity: 0 PPE: -

HMIS Legend

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard
- * Chronic Hazard
- X Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By Product Stewardship Department

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 800-225-5554

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Disclaimer

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END OF SAFETY DATA SHEET