

SAFETY DATA SHEET

Revision Date: 24-May-2015 Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ULTRA SPEC WB EXTERIOR SATIN FINISH BASE 2

Product Code N4482X

Product Class WATER THINNED PAINT

Color All Recommended use Paint

Restrictions on useNo information available

ManufacturerEmergency Telephone Number(s)Benjamin Moore & Co.CHEMTREC (US): 800-424-9300

Montvale, NJ 07645 Phone: 855-724-6802 www.benjaminmoore.com

101 Paragon Drive

2. HAZARDS IDENTIFICATION

CHEMTREC (outside US): (703)-527-3887

Classification

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

Skin sensitization Category 1

Label elements

Warning

Hazard statements

May cause an allergic skin reaction



Appearance liquid Odor little or no odor

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Precautionary Statements - Prevention

Avoid breathing dust/fume/mist/vapors/spray Contaminated work clothing should not be allowed out of the workplace Wear protective gloves

Skin

If on skin wash with plenty of soap and water
If skin irritation or rash occurs get medical attention
Wash contaminated clothing before reuse

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

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical Name	CAS-No	Weight % (max)
Nepheline syenite	37244-96-5	10
Titanium dioxide	13463-67-7	10
Zinc oxide	1314-13-2	5
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	5
2-N-octyl-4-Isothiazolin-3-One	26530-20-1	0.5

4. 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. If skin irritation persists, call a physician. Wash clothing before

reuse.

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.

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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) Not applicable Not applicable Flash Point (°C) Not applicable **Flash Point Method**

Flammability Limits In Air

Lower Explosion Limit Not applicable Not applicable **Upper Explosion Limit**

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.

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 Clean-Up Soak up with inert absorbent material. Sweep up and shovel into suitable

containers for disposal.

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

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

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Chemical Name	ACGIH	OSHA
Nepheline syenite	N/E	5 mg/m ³ - TWA (nuisance dust)
Titanium dioxide	10 mg/m³ - TWA	15 mg/m³ - TWA
Zinc oxide	2 mg/m³ - TWA 10 mg/m³ - STEL	5 mg/m³ - TWA 15 mg/m³ - TWA

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection Protective gloves and impervious clothing.

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

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

clothing before re-use. Wash thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid

Odor little or no odor

Odor Threshold No information available

Density (lbs/gal) 10.0 - 10.3 **Specific Gravity** 1.19 - 1.24

No information available Hq Viscosity (cps) No information available

Solubility No information available **Water Solubility** No information available **Evaporation Rate** No information available No information available **Vapor Pressure Vapor Density** No information available

Wt. % Solids 45 - 55 Vol. % Solids 30 - 40 Wt. % Volatiles 45 - 55 Vol. % Volatiles 60 - 70VOC Regulatory Limit (g/L) < 50 **Boiling Point (°F)** 212 **Boiling Point (°C)** 100 Freezing Point (°F) 32

Freezing Point (°C) Flash Point (°F) Not applicable Flash Point (°C) Not applicable **Flash Point Method** Not applicable Flammability (solid, gas) Not applicable Not applicable **Upper Explosion Limit**

Lower Explosion Limit Autoignition Temperature (°F) No information available **Autoignition Temperature (°C)** No information available **Decomposition Temperature (°F)** No information available **Decomposition Temperature (°C)** No information available Partition Coefficient (n-octanol/water) No information available

10. STABILITY AND REACTIVITY

Not applicable

Reactivity Not Applicable BASE 2

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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

Information on likely routes of exposure

Product Information

InhalationNo information availableEye contactNo information available

Skin contact Prolonged skin contact may cause skin irritation and/or dermatitis

Ingestion No information available

Acute Toxicity

Product Information No information available

Information on toxicological effects

Symptoms No information available

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

Sensitization: May cause sensitization by skin contact

Mutagenic EffectsNo information available.Reproductive EffectsNo information available.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 61057 mg/kg ATEmix (dermal) 432169 mg/kg ATEmix (inhalation-dust/mist) 452.9 mg/L

Acute Toxicity

Component

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat) LD50 Dermal: > 10000 mg/m³ (Rabbit)

LC50 Inhalation (Dust): > 6.82 mg/L (Rat, 4 hr.)

Zinc oxide

LD50 Oral: 5000 mg/kg (Rat)

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

2-N-octyl-4-Isothiazolin-3-One LD50 Oral: 550 mg/kg (Rat) LD50 Dermal: 690 mg/kg (Rabbit) BASE 2

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Carcinogenicity

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

Chemical Name	IARC	NTP	OSHA Carcinogen
	2B - Possible Human		Listed
Titanium dioxide	Carcinogen		

Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes:

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 / Accumulation

No information available.

Mobility in Environmental Media

No information available.

Ozone

No information available

Component

Acute Toxicity to Fish

Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

[&]quot;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."

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

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

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14. TRANSPORT INFORMATION

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: United StatesYes - All components are listed or exempt.

Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

Acute Health Hazard Yes
Chronic Health Hazard No
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:

Chemical Name	CAS-No	Weight % (max)	CERCLA/SARA 313
			(de minimis concentration)
Zinc oxide	1314-13-2	5	1.0

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

This product contains the following HAPs:

None

State Regulations

California Proposition 65

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania

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Titanium dioxide	X	X	Х
Zinc oxide	X	X	X

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

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855-724-6802

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Disclaimer

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END OF SAFETY DATA SHEET