

SAFETY DATA SHEET

Revision Date: 30-Jul-2018 Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ULTRA SPEC MASONRY ELASTOMERIC WATERPROOF

COATING - LOW LUSTRE BASE 2

Product Code 3602X 3602X **Alternate Product Code**

WATER THINNED PAINT **Product Class**

Color ΑII Paint Recommended use

No information available Restrictions on use

Manufacturer **Emergency Telephone**

CHEMTREC (US): 800-424-9300 Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645

Phone: 1-866-708-9180 www.benjaminmoore.com CHEMTREC (outside US): (703)-527-3887

2. HAZARDS IDENTIFICATION

Classification

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

Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2

Label elements

Danger

Hazard statements

May cause cancer

May cause damage to organs through prolonged or repeated exposure



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

Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

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

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Limestone	1317-65-3	20
Titanium dioxide	13463-67-7	15
Ethylene glycol	107-21-1	5
Zinc oxide	1314-13-2	5
Silica, mica	12001-26-2	5
Silica, crystalline	14808-60-7	0.5
Diphenyl ketone	119-61-9	0.5

4. FIRST AID MEASURES

General Advice For further assistance, contact your local Poison Control Center.

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.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion Clean mouth with water and afterwards drink plenty of water. Call a POISON

CENTER or doctor/physician if exposed or you feel unwell. If large quantities of

this material are swallowed, call a physician immediately.

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Most Important

None known.

Symptoms/Effects

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

Not applicable

Flammability Limits In Air

Lower flammability limit:Not applicableUpper flammability limit: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.

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

Incompatible Materials No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Limestone	N/E	15 mg/m³ - TWA
		5 mg/m³ - TWA
Titanium dioxide	10 mg/m³ - TWA	15 mg/m³ - TWA
Ethylene glycol	100 mg/m ³ - Ceiling	N/E
Zinc oxide	2 mg/m³ - TWA	5 mg/m³ - TWA
	10 mg/m ³ - STEL	15 mg/m³ - TWA
Silica, mica	3 mg/m³ - TWA	20 mppcf - TWA
Silica, crystalline	0.025 mg/m ³ - TWA	-

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.

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

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 liauid

Odor little or no odor

Odor Threshold No information available

Density (lbs/gal) 10.9 - 11.0 **Specific Gravity** 1.30 - 1.31

pН No information available Viscosity (cps) No information available Solubility(ies) No information available Water solubility No information available No information available **Evaporation Rate**

Vapor pressure @20 °C (kPa) No information available

Vapor density No information available

Wt. % Solids 55 - 65 Vol. % Solids 40 - 50 35 - 45 Wt. % Volatiles 50 - 60 Vol. % Volatiles **VOC Regulatory Limit (g/L)** <100 **Boiling Point (°F)** 212 100 **Boiling Point (°C)** Freezing Point (°F) 32 Freezing Point (°C)

Flash Point (°F)

Flash Point (°C)

Method

Flammability (solid, gas)

Upper flammability limit:

Lower flammability limit:

Not applicable

Not applicable

Not applicable

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 MaterialsNo materials to be especially mentioned.

Hazardous Decomposition Products

None under normal use.

Possibility of hazardous reactionsNone under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

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

Symptoms No information available

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

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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 May be harmful if swallowed. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea. May cause adverse kidney effects.

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Sensitization
No information available
Neurological Effects
No information available.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure if inhaled.

Other adverse effects
Aspiration Hazard
No information available.
No information available

Numerical measures of toxicity

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

ATEmix (oral) 16043 mg/kg

Component Information

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat)

Ethylene glycol

LD50 Oral: 4700 mg/kg (Rat) LD50 Dermal: 9530 µg/L (Rabbit)

Zinc oxide

LD50 Oral: 5000 mg/kg (Rat)

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

Silica, mica

LD50 Oral: > 16000 mg/kg (Rat)

Silica, crystalline

LD50 Oral: 500 mg/kg (Rat)

Carcinogenicity

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

Chemical name	IARC	NTP	OSHA
	2B - Possible Human		Listed
Titanium dioxide	Carcinogen		
	1 - Human Carcinogen	Known Human	Listed
Silica, crystalline		Carcinogen	
	2B - Possible Human		Listed
Diphenyl ketone	Carcinogen		

- Crystalline Silica has been determined to be carcinogenic to humans by IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.
- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes:

[&]quot;No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is

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bound to other materials, such as paint."

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

Titanium dioxide

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

Ethylene glycol

LC50: 8050 mg/L (Fathead Minnow - 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.

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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 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	No
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:

Chemical name	CAS No.	Weight-%	CERCLA/SARA 313 (de minimis concentration)
Ethylene glycol	107-21-1	5	1.0
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:

Chemical name	CAS No.	Weight-%	Hazardous Air Pollutant
			<u>(HAP)</u>
Ethylene glycol	107-21-1	5	Listed

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
Limestone	X	X	X
Titanium dioxide	X	X	X
Ethylene glycol	X	X	X
Zinc oxide	X	X	X
Silica, mica	X	X	X
Silica, crystalline	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

> 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