

# SAFETY DATA SHEET

Revision Date: 13-Jun-2019

**Revision Number:** 4

1. PRODUCT AND COMPANY IDENTIFICATION

#### **Product Name**

Product Code Alternate Product Code Product Class Color Recommended use Restrictions on use

#### Manufacturer

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 Phone: 1-866-708-9180 www.benjaminmoore.com

## ULTRA SPEC MASONRY ELASTOMERIC WATERPROOF COATING - LOW LUSTRE BASE 2 3602X

3602X Water thinned paint All Paint No information available

#### Emergency Telephone

CHEMTREC (US): 800-424-9300 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

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Chemical name	CAS No.	Weight-%

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Limestone	1317-65-3	15 - 20
Titanium dioxide	13463-67-7	10 - 15
Ethylene glycol	107-21-1	1 - 5
Zinc oxide	1314-13-2	1 - 5
Silica, mica	12001-26-2	1 - 5
Silica, crystalline	14808-60-7	0.1 - 0.5
Diphenyl ketone	119-61-9	0.1 - 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.

Most Important	
Symptoms/Effect	s

None known.

**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 firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) 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: 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 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
Limestone	N/E	15 mg/m³ - TWA 5 mg/m³ - TWA
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m³ - TWA
Ethylene glycol	100 mg/m <sup>3</sup> - Ceiling	N/E
Zinc oxide	2 mg/m³ - TWA	5 mg/m³ - TWA
	10 mg/m <sup>3</sup> - STEL	15 mg/m <sup>3</sup> - TWA
Silica, mica	3 mg/m³ - TWA	20 mppcf - TWA
Silica, crystalline	0.025 mg/m <sup>3</sup> - TWA	-

#### 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	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	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
Odor
Odor Threshold
Density (Ibs/gal)
Specific Gravity
рН
Viscosity (cps)
Solubility(ies)
Water solubility
Evaporation Rate
Vapor pressure

liquid little or no odor No information available 10.8 - 11.2 1.29 - 1.34 No information available No information available

No information available 55 - 65 40 - 50 35 - 45 50 - 60 <100 212 100 32 0 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable No information available No information available No information available No information available No 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

**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

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.
Sensitization	No information available
Neurological Effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	No information available.
Developmental Effects	No information available.
Target organ effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure if inhaled.
Other adverse effects	No information available.
Aspiration Hazard	No information available

Numerical measures of toxicity

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

ATEmix (oral)

16059 mg/kg

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Ethylene glycol 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat)= 9530 µL/kg (Rabbit)	-
Zinc oxide 1314-13-2	> 5000 mg/kg (Rat)	-	-
Silica, crystalline 14808-60-7	= 500 mg/kg (Rat)	-	-
Diphenyl ketone 119-61-9	> 10 g/kg (Rat)	= 3535 mg/kg (Rabbit)	-

#### 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: "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."

#### 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.

#### <u>Ozone</u>

No information available

#### **Component Information**

#### Acute Toxicity to Fish

<u>Titanium dioxide</u> LC50: > 1000 mg/L (Fathead Minnow - 96 hr.) <u>Ethylene glycol</u> 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.

14. TRANSPORT INFORMATION		
DOT	Not regulated	
ICAO / IATA	Not regulated	
IMDG / IMO	Not regulated	
	15. REGULATORY INFORMATION	
International Inventories		
TSCA: United States DSL: Canada	Yes - All components are listed or exempt. Yes - All components are listed or exempt.	
Federal Regulations		
SARA 311/312 hazardous categorizationAcute health hazardNoChronic Health HazardYesFire hazardNoSudden release of pressure hazardNoReactive HazardNo		
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	1 - 5	1.0
Zinc oxide	1314-13-2	1 - 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
Ethylene glycol	107-21-1	1 - 5	<u>(HAP)</u> Listed

## US State Regulations

### California Proposition 65

## **WARNING:** 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	Х	Х	X
Silica, mica	Х	Х	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.

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Disclaimer

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**End of Safety Data Sheet**