



# SAFETY DATA SHEET

Revision Date: 13-Jun-2018

Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ULTRA SPEC MASONRY PATCHING COMPOUND SMOOTH BRUSH GRADE WHITE  
**Product Code** 05401  
**Alternate Product Code** 05401  
**Product Class** SEALANT  
**Color** White  
**Recommended use** Patching Compound  
**Restrictions on use** No information available

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

**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)

Acute toxicity - Oral	Category 4
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1

### Label elements

#### **Danger**

#### **Hazard statements**

Harmful if swallowed  
May cause cancer  
Causes damage to organs through prolonged or repeated exposure



**Appearance** white paste

**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  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

**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-%
Silica, crystalline	14808-60-7	30
Kaolin	1332-58-7	5
Titanium dioxide	13463-67-7	5
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	5
Stoddard solvent	8052-41-3	5
Ammonium hydroxide	1336-21-6	0.5

**4. FIRST AID MEASURES**

**General Advice**

No hazards which require special first aid measures.

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	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.
<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. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Most Important Symptoms/Effects</b>	None known.
<b>Notes To Physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	No
<b>Flash Point Data</b>	
Flash Point (°F)	250.0
Flash Point (°C)	121.1
Method	PMCC
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable

**NFPA**    Health: 1                      Flammability: 1                      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](http://www.nfpa.org).

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Prevent further leakage or spillage if safe to do so.
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
<b>Incompatible Materials</b>	No information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Silica, crystalline	0.025 mg/m <sup>3</sup> - TWA	-
Kaolin	2 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA 5 mg/m <sup>3</sup> - TWA
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA
Stoddard solvent	100 ppm - TWA	500 ppm - TWA 2900 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

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields. If splashes are likely to occur, wear: Tightly fitting safety goggles.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hygiene Measures</b>	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	white paste
Odor	little or no odor
Odor Threshold	No information available
Density (lbs/gal)	11.3 - 11. 6
Specific Gravity	1.35 - 1.39
pH	No information available
Viscosity (cps)	No information available
Solubility(ies)	No information available
Water solubility	No information available
Evaporation Rate	No information available
Vapor pressure @20 °C (kPa)	No information available
Vapor density	No information available
Wt. % Solids	65 - 75
Vol. % Solids	50 - 60
Wt. % Volatiles	25 - 35
Vol. % Volatiles	40 - 50
VOC Regulatory Limit (g/L)	92
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing Point (°F)	No information available
Freezing Point (°C)	No information available
Flash Point (°F)	250.0
Flash Point (°C)	121.1
Method	PMCC
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
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	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

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**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**

<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Sensitization</b>	No information available
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure if inhaled.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

**Numerical measures of toxicity**

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

<b>ATEmix (oral)</b>	1798 mg/kg
<b>ATEmix (dermal)</b>	739320 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	149.1 mg/L

**Component Information**

Silica, crystalline

LD50 Oral: 500 mg/kg (Rat)

Kaolin

LD50 Oral: > 5000 mg/kg (Rat)

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat)

Stoddard solvent

LD50 Oral: > 5,000 mg/kg (Rat)

LD50 Dermal: > 3160 mg/kg (Rabbit)

LC50 Inhalation (Vapor): > 6.1 mg/L (Rat)

Ammonium hydroxide

LD50 Oral: 350 mg/kg (Rat)

**Carcinogenicity**

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

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

- 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.

#### Ozone

No information available

### Component Information

#### 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

**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	Yes
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

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

### State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania
Silica, crystalline	X	X	X
Kaolin	X	X	X
Titanium dioxide	X	X	X
Stoddard solvent	X	X	X

### Legend

X - Listed

## 16. OTHER INFORMATION

**HMIS** -      **Health:** 1\*      **Flammability:** 1      **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](http://www.epa.gov/lead).

### Prepared By

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Revision Summary Change to Format

Disclaimer

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**END OF SAFETY DATA SHEET**