SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SUPER SPEC MASONRY 100% ACRYLIC ELASTOMERIC COATING FLAT WHITE
Product Code: 05601
Product Class: WATER THINNED PAINT
Color: White
Recommended use: Paint
Restrictions on use: No information available

Manufacturer: Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 855-724-6802
www.benjaminmoore.com

Emergency Telephone Number(s):
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

Label elements

Danger
Hazard statements
May cause 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

Precautionary Statements - Response
If exposed or concerned get medical 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>20</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>10</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>5</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>5</td>
</tr>
<tr>
<td>Silica, mica</td>
<td>12001-26-2</td>
<td>5</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>14808-60-7</td>
<td>0.5</td>
</tr>
</tbody>
</table>

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.

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

Flammability Limits In Air

- Lower Explosion Limit Not applicable
- Upper Explosion 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 Clean-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.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>N/E</td>
<td>15 mg/m³ - TWA total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³ - TWA</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>10 mg/m³ - TWA</td>
<td>15 mg/m³ - TWA</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>100 mg/m³ - Ceiling</td>
<td>N/E</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>2 mg/m³ - TWA</td>
<td>5 mg/m³ - TWA</td>
</tr>
<tr>
<td></td>
<td>10 mg/m³ - STEL</td>
<td>15 mg/m³ - TWA</td>
</tr>
<tr>
<td>Silica, mica</td>
<td>3 mg/m³ - TWA</td>
<td>20 mppcf - TWA</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>0.025 mg/m³ - TWA</td>
<td>res respirable - (10)/(%SiO₂ + 2) mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>respirable - (25)/(%SiO₂ + 5) mppcf TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>total dust - (30)/(%SiO₂ + 2) mg/m³ TWA</td>
</tr>
</tbody>
</table>

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.
- **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
- **Odor**: little or no odor
- **Odor Threshold**: No information available
- **Density (lbs/gal)**: 10.8 - 10.9
- **Specific Gravity**: 1.29 - 1.31
- **pH**: No information available
- **Viscosity (cps)**: No information available
- **Solubility**: No information available
- **Water Solubility**: No information available
- **Evaporation Rate**: No information available
- **Vapor Pressure**: No information available
- **Vapor Density**: No information available
- **Wt. % Solids**: 50 - 60
- **Vol. % Solids**: 35 - 45
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

Information on toxicological effects

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

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

STOT - repeated exposure:
Contains: Crystalline Silica which 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.

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) 19510 mg/kg

Component

Acute Toxicity

Limestone
LD50 Oral: 6,450 mg/kg (Rat) vendor data

Titanium dioxide
LD50 Oral: > 10000 mg/kg (Rat)
LD50 Dermal: > 10000 mg/m³ (Rabbit)
LC50 Inhalation (Dust): > 6.82 mg/L (Rat, 4 hr.)

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) vendor data

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>2B - Possible Human Carcinogen</td>
<td></td>
<td>Listed</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>1 - Human Carcinogen</td>
<td>Known Human Carcinogen</td>
<td>Listed</td>
</tr>
</tbody>
</table>
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

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### 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.)

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, provincial, 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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
<th>CERCLA/SARA 313 (de minimis concentration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>5</td>
<td>1.0</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
<th>Hazardous Air Pollutant (HAP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>5</td>
<td>Listed</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Silica, mica</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Silica, crystalline</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Legend
X - Listed

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16. OTHER INFORMATION

| HMIS Legend | 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
855-724-6802

Revision Date: 28-Aug-2015
Revision Summary: Not available
Disclaimer

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END OF SAFETY DATA SHEET