1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SURE STEP 100% ACRYLIC ANTI-SLIP COATING LIGHT GRAY
Product Code: SU-0310, 3001438
Alternate Product Code: XA1110, XA1199
SAP Material Number: NA, 3001438
Product Class: Water thinned paint
Color: Gray
Recommended use: Paint
Restrictions on use: No information available

Manufacturer: Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
insl-x.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)

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>Category 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
May cause cancer
Causes 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
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline</td>
<td>14808-60-7</td>
<td>25 - 30</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Glass, oxide</td>
<td>65997-17-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>2-Propanol-1-butoxy</td>
<td>5131-66-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>1 - 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 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. 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
- Method Not applicable

Flammability Limits In Air
- Lower flammability limit: Not applicable
- Upper 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 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline</td>
<td>TWA: 0.025 mg/m$^3$ respirable particulate matter</td>
<td>50 µg/m$^3$ - TWA Respirable crystalline silica 50 µg/m$^3$ - TWA</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA: 10 mg/m$^3$</td>
<td>15 mg/m$^3$ - TWA</td>
</tr>
<tr>
<td>Glass, oxide</td>
<td>TWA: 1 fiber/cm$^3$ respirable fibers: length &gt;5 µm, aspect ratio &gt;=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination. TWA: 5 mg/m$^3$ inhalable particulate matter</td>
<td>N/E</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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>little or no odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>11.5 - 11.6</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.38 - 1.40</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity (cps)</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
</tbody>
</table>
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  
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  
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

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-Propanol-1-butoxy</td>
<td>= 1900 mg/kg (Rat)</td>
<td>= 5660 µL/kg (Rat)</td>
<td>= 3100 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>= 20 g/kg (Rat)</td>
<td>= 20800 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

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</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline</td>
<td>1 - Human Carcinogen</td>
<td>Known Human Carcinogen</td>
<td>Listed</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>2B - Possible Human Carcinogen</td>
<td></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
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
No information available

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.)
Propylene glycol
LC50: 710 mg/L (Fathead Minnow - 96 hr.)

Acute Toxicity to Aquatic Invertebrates
Propylene glycol
EC50: > 10000 mg/L (Daphnia magna - 24 hr.)

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Acute health hazard</th>
<th>Chronic Health Hazard</th>
<th>Fire hazard</th>
<th>Sudden release of pressure hazard</th>
<th>Reactive Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></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:

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

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>Water</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>
su-0310, 3001438 - sure step 100% acrylic
anti-slip coating light gray

revision date: 11-feb-2020

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 msds's 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 n pca. 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

revision date: 11-feb-2020
revision summary: not available

disclaimer
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end of safety data sheet