# SAFETY DATA SHEET

**Revision Date:** *29-Apr-2020* **Revision Number:** *5*

## 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| **Product Name** | **ULTRA SPEC SCUFF-X INTERIOR MATTE FINISH BASE 1** |
| **Product Code** | **K4841X** |
| **Alternate Product Code** | K4841X |
| **Product Class** | Water thinned paint |
| **Color** | All |
| **Recommended use** | Paint |
| **Restrictions on use** | No information available |

**Manufactured For**
Benjamin Moore & Co., Limited
8775 Keele Street
Concord ON L4K 2N1
Phone: 1-800-361-5898
www.benjaminmoore.com/en-ca

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

**Emergency Telephone**
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is not considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

**Label elements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

**Appearance** liquid **Odor** little or no odor

**Other information**
No information available

## 3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---|---|---|---|---|
| Titanium dioxide | 13463-67-7 | 10 - 30% | - | - |
| Kaolin, calcined | 66402-68-4 | 1 - 5% | - | - |
| Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol | 25265-77-4 | 1 - 5% | - | - |
| Silica amorphous | 7631-86-9 | 1 - 5% | - | - |
| Sodium C14-C16 olefin sulfonate | 68439-57-6 | 0.1 - 0.25% | - | - |

*The exact percentage (concentration) of composition has been withheld as a trade secret

## 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**

| Chemical name | ACGIH TLV | Alberta | British Columbia | Ontario | Quebec |
|---|---|---|---|---|---|
| Titanium dioxide | TWA: 10 mg/m³ | 10 mg/m³ - TWA | 10 mg/m³ - TWA<br>3 mg/m³ - TWA | 10 mg/m³ - TWA | 10 mg/m³ - TWAEV |
| Kaolin, calcined | STEL: 10 mg/m³ Zr<br>TWA: 5 mg/m³ Zr<br>TWA: 0.02 mg/m³ Mn respirable particulate matter<br>TWA: 0.1 mg/m³ Mn inhalable particulate matter | 5 mg/m³ - TWA 0.2 mg/m³ - TWA<br>10 mg/m³ - STEL | 5 mg/m³ - TWA 0.2 mg/m³ - TWA<br>0.02 mg/m³ - TWA<br>10 mg/m³ - STEL<br>Adverse reproductive effect | 5 mg/m³ - TWA 0.02 mg/m³ - TWA<br>0.1 mg/m³ - TWA<br>10 mg/m³ - STEL | 0.2 mg/m³ - TWAEV 5 mg/m³ - TWAEV<br>10 mg/m³ - STEV |

**Legend**
ACGIH - American Conference of Governmental Industrial Hygienists
Alberta - Alberta Occupational Exposure Limits
British Columbia - British Columbia Occupational Exposure Limits
Ontario - Ontario Occupational Exposure Limits
Quebec - Quebec Occupational 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)** | 10.65 - 10.75 |
| **Specific Gravity** | 1.28 - 1.30 |
| **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** | No information available |
| **Vapor density** | No information available |
| **Wt. % Solids** | 50 - 60 |
| **Vol. % Solids** | 35 - 45 |
| **Wt. % Volatiles** | 40 - 50 |
| **Vol. % Volatiles** | 55 - 65 |
| **VOC Regulatory Limit (g/L)** | < 100 |

| | |
|---|---|
| **Boiling Point (°F)** | 212 |
| **Boiling Point (°C)** | 100 |
| **Freezing point (°F)** | 32 |
| **Freezing Point (°C)** | 0 |
| **Flash point (°F)** | Not applicable |
| **Flash Point (°C)** | Not applicable |
| **Method** | Not applicable |
| **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**
**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** | No information available. |
| **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)** | 30270 mg/kg |
| **ATEmix (dermal)** | 135088 mg/kg |

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Titanium dioxide<br>13463-67-7 | > 10000 mg/kg ( Rat ) | - | - |
| Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol<br>25265-77-4 | = 3200 mg/kg ( Rat ) | > 15200 mg/kg ( Rat ) | - |
| Silica amorphous<br>7631-86-9 | = 7900 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 2.2 mg/L ( Rat ) 1 h |
| Sodium C14-C16 olefin sulfonate<br>68439-57-6 | = 2220 mg/kg ( Rat ) | > 740 mg/kg ( Rabbit ) | - |

**Chronic Toxicity**

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

| Chemical name | IARC | NTP |
|---|---|---|
| Titanium dioxide | 2B - Possible Human Carcinogen | |

• 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, 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

| | |
|---|---|
| **TDG** | 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** | No - Not all of the components are listed.<br>One or more component is listed on NDSL. |

### National Pollutant Release Inventory (NPRI)

**NPRI Parts 1- 4**
This product contains the following Parts 1-4 NPRI chemicals:

*None*

**NPRI Part 5**
This product contains the following NPRI Part 5 Chemicals:

*None*

**WHMIS Regulatory Status**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 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 logging onto Health Canada at http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

| | |
|---|---|
| **Prepared By** | Product Stewardship Department<br>Benjamin Moore & Co.<br>101 Paragon Drive<br>Montvale, NJ 07645<br>800-225-5554 |
| **Revision Date:** | 29-Apr-2020 |
| **Reason for revision** | Not available |

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**End of Safety Data Sheet**