



## SAFETY DATA SHEET

Revision Date: 19-Nov-2018

Revision Number: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ULTRA SPEC 500 INTERIOR SEMI-GLOSS BASE 2  
**Product Code** K5392X  
**Alternate Product Code** K5392X  
**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

**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-% |
|-------------------|------------|----------|
| Titanium dioxide  | 13463-67-7 | 7 - 13%  |
| Nepheline syenite | 37244-96-5 | 1 - 5%   |
| Kaolin            | 1332-58-7  | 1 - 5%   |
| Limestone         | 1317-65-3  | 1 - 5%   |

**4. FIRST AID MEASURES**

|  |   |
|--|---|
| <b>General Advice</b>                  | No hazards which require special first aid measures.  |
| <b>Eye Contact</b>                     | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                |
| <b>Skin Contact</b>                    | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| <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. Consult a physician if necessary.        |
| <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) | 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](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                  | Alberta                    | British Columbia  | Ontario                    | Quebec                        |
|------------------|----------------------------|----------------------------|---|----------------------------|-------------------------------|
| Titanium dioxide | 10 mg/m <sup>3</sup> - TWA | 10 mg/m <sup>3</sup> - TWA | 10 mg/m <sup>3</sup> - TWA<br>3 mg/m <sup>3</sup> - TWA | 10 mg/m <sup>3</sup> - TWA | 10 mg/m <sup>3</sup> - TWA EV |

|                   |                           |                            |  |                            |                              |
|-------------------|---------------------------|----------------------------|--|----------------------------|------------------------------|
| Nepheline syenite | N/E                       | N/E                        | N/E  | 10 mg/m <sup>3</sup> - TWA | N/E                          |
| Kaolin            | 2 mg/m <sup>3</sup> - TWA | 2 mg/m <sup>3</sup> - TWA  | 2 mg/m <sup>3</sup> - TWA  | 2 mg/m <sup>3</sup> - TWA  | 5 mg/m <sup>3</sup> - TWAEV  |
| Limestone         | N/E                       | 10 mg/m <sup>3</sup> - TWA | 10 mg/m <sup>3</sup> - TWA<br>3 mg/m <sup>3</sup> - TWA<br>20 mg/m <sup>3</sup> - STEL | N/E                        | 10 mg/m <sup>3</sup> - TWAEV |

**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**

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Appearance</b>                    | liquid                   |
| <b>Odor</b>                          | little or no odor        |
| <b>Odor Threshold</b>                | No information available |
| <b>Density (lbs/gal)</b>             | 10.05 - 10.15            |
| <b>Specific Gravity</b>              | 1.20 - 1.22              |
| <b>pH</b>                            | No information available |
| <b>Viscosity (cps)</b>               | No information available |
| <b>Solubility(ies)</b>               | No information available |
| <b>Water solubility</b>              | No information available |
| <b>Evaporation Rate</b>              | No information available |
| <b>Vapor pressure @20 °C (kPa)</b>   | No information available |
| <b>Vapor density</b>                 | No information available |
| <b>Wt. % Solids</b>                  | 40 - 50                  |
| <b>Vol. % Solids</b>                 | 30 - 40                  |
| <b>Wt. % Volatiles</b>               | 50 - 60                  |
| <b>Vol. % Volatiles</b>              | 60 - 70                  |
| <b>VOC Regulatory Limit (g/L)</b>    | 0                        |
| <b>Boiling Point (°F)</b>            | 212                      |
| <b>Boiling Point (°C)</b>            | 100                      |
| <b>Freezing Point (°F)</b>           | 32                       |
| <b>Freezing Point (°C)</b>           | 0                        |
| <b>Flash Point (°F)</b>              | Not applicable           |
| <b>Flash Point (°C)</b>              | Not applicable           |
| <b>Method</b>                        | Not applicable           |
| <b>Flammability (solid, gas)</b>     | Not applicable           |
| <b>Upper flammability limit:</b>     | Not applicable           |
| <b>Lower flammability limit:</b>     | Not applicable           |
| <b>Autoignition Temperature (°F)</b> | 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) 91513 mg/kg

**Component Information**

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat)

Kaolin

LD50 Oral: > 5000 mg/kg (Rat)

**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**

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.)

**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**

Yes - All components are listed or exempt.





Disclaimer

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**END OF SAFETY DATA SHEET**