1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name**
ULTRA SPEC HP D.T.M ACRYLIC SEMI-GLOSS ENAMEL
SAFETY RED

**Product Code**
FP2921

**Alternate Product Code**
FP2921

**Product Class**
WATER THINNED PAINT

**Color**
Red

**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: 855-724-6802
www.benjaminmoore.com

**Emergency Telephone Number(s)**
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 dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Appearance**
liquid

**Odor**
little or no odor

**Other information**
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>2,2,4-trimethyl-1,3-propanediol diisobutyrate</td>
<td>6846-50-0</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Nepheline syenite</td>
<td>37244-96-5</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Zinc phosphate</td>
<td>7779-90-0</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 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) 250
                                                     Flash Point (°C) 121
                                                     Flash Point Method PMCC

Flammability Limits In Air
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.

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</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nepheline syenite</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>10 mg/m³·TWA</td>
<td>N/E</td>
</tr>
</tbody>
</table>

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

<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>8.8 - 8.9</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.05 - 1.07</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</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>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>35 - 45</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>30 - 40</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>55 - 65</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>60 - 70</td>
</tr>
<tr>
<td>VOC Regulatory Limit (g/L)</td>
<td>&lt; 150</td>
</tr>
<tr>
<td>Boiling Point (°F)</td>
<td>212</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>100</td>
</tr>
<tr>
<td>Freezing Point (°F)</td>
<td>32</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>0</td>
</tr>
<tr>
<td>Flash Point (°F)</td>
<td>250</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>121</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>PMCC</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition Temperature (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature (°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</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

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 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Numerical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (oral)</td>
<td>47303 mg/kg</td>
</tr>
<tr>
<td>ATEmix (dermal)</td>
<td>178115 mg/kg</td>
</tr>
<tr>
<td>2,2,4-trimethyl-1,3-propanediol diisobutyrate</td>
<td>LD50 Oral: &gt; 3,200 mg/kg (Rat) vendor data</td>
</tr>
</tbody>
</table>
LC50 Inhalation (Vapor): > 5.3 mg/L (Rat)

**Chronic Toxicity**

**Carcinogenicity**
*There are no known carcinogenic chemicals in this product above reportable levels.*

### 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**
No information available

**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.

National Pollutant Release Inventory (NPRI)

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
<th>NPRI Parts 1-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc phosphate</td>
<td>7779-90-0</td>
<td>1 - 5%</td>
<td>Listed</td>
</tr>
</tbody>
</table>

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

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
855-724-6802

Revision Date: 29-Jun-2016

Reason For Revision
Not available

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END OF SAFETY DATA SHEET