**Section 1: Summary**

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Threshold per material</th>
<th>Residuals and impurities considered in 0 of 1 materials</th>
<th>Based on the selected Content Inventory Threshold:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>0 see Section 2: Material Notes</td>
<td>Characterized...........................................</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>0 see Section 5: General Notes</td>
<td>Are the Percent Weight and Role provided for all substances? Yes No</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>0 see Section 2: Material Notes</td>
<td>Screened.................................................</td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td>0 see Section 5: General Notes</td>
<td>Are all substances screened using Priority Hazard Lists with results disclosed? Yes No</td>
</tr>
<tr>
<td>Other</td>
<td>0 see Section 5: General Notes</td>
<td>Identified..............................................</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Are all substances disclosed by Name (Specific or Generic) and Identifier? Yes No</td>
</tr>
</tbody>
</table>

**CONTENT IN DESCENDING ORDER OF QUANTITY**

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)</td>
<td>WATER</td>
<td>BM-3</td>
<td>METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE</td>
<td>LT-UNK</td>
</tr>
</tbody>
</table>

**INVENTORY AND SCREENING NOTES:**

Number of Greenscreen BM-4/BM3 contents........... 2
Contents highest concern GreenScreen Benchmark or List translator Score.............. BM-1
Nanomaterial............. No

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): Regulatory (g/l): 50
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

**CERTIFICATIONS AND COMPLIANCE**

VOC emissions: ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)

See Section 3 for additional listings.
This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material</th>
<th>Percent Range</th>
<th>GS</th>
<th>Role</th>
<th>Agency(ies) with Warnings</th>
<th>Substance Notes</th>
<th>HAZARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>35.0000 - 45.0000</td>
<td>BM-4</td>
<td>Thinner/solvent</td>
<td>No warnings found on HPD Priority lists</td>
<td>None Found</td>
<td></td>
</tr>
<tr>
<td>METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE</td>
<td>10.0000 - 25.0000</td>
<td>LT-UNK</td>
<td>Binder</td>
<td>No warnings found on HPD Priority lists</td>
<td>None Found</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>10.0000 - 20.0000</td>
<td>LT-1</td>
<td>Color Pigment</td>
<td>None</td>
<td>Cannabinoid - Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
<td>Cancer - US CDC - Occupational Carcinogens - Occupational Carcinogen, Carcinogen - specific to chemical form or exposure route, Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>Substance</td>
<td>ID</td>
<td>% Range</td>
<td>GS</td>
<td>RC</td>
<td>NANO</td>
<td>Role</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
<td>-----------</td>
<td>------</td>
<td>----------</td>
<td>------</td>
<td>--------------</td>
</tr>
<tr>
<td>KAOLIN CLAY</td>
<td>1332-58-7</td>
<td>5.0000 - 15.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Extender filler</td>
</tr>
<tr>
<td>LINSEED OIL, POLYMER WITH PENTAERYTHRITOL, PHThALIC ANHYDRIDE AND POLYMD. LINSEED OIL</td>
<td>68152-95-4</td>
<td>1.0000 - 10.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Binder</td>
</tr>
<tr>
<td>TALC</td>
<td>14807-96-6</td>
<td>1.0000 - 10.0000</td>
<td>BM-3</td>
<td>None</td>
<td>NO</td>
<td>Extender filler</td>
</tr>
<tr>
<td>TRIZINC BIS(ORTHOPHOSPHATE)</td>
<td>7779-90-0</td>
<td>0.5000 - 5.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>NO</td>
<td>Additive</td>
</tr>
</tbody>
</table>
**CHRON AQUATIC**
**EU - GHS (H-Statements)**

**H410** - Very toxic to aquatic life with long lasting effects

**MULTIPLE**
**German FEA - Substances Hazardous to Waters**

**Class 2 - Hazard to Waters**

**SUBSTANCE NOTES:**

---

**ZINC OXIDE**

**ID:** 1314-13-2

**%:** 0.5000 - 5.0000

**GS:** BM-1

**RC:** None

**NANO:** NO

**ROLE:** Antioxidant

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**ACUTE AQUATIC**
**EU - R-phrases**

**R50** - Very Toxic to Aquatic Organisms

**RESPIRATORY**
**AOEC - Asthmagens**

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

**ACUTE AQUATIC**
**EU - GHS (H-Statements)**

**H400** - Very toxic to aquatic life

**CHRON AQUATIC**
**EU - GHS (H-Statements)**

**H410** - Very toxic to aquatic life with long lasting effects

**MULTIPLE**
**German FEA - Substances Hazardous to Waters**

**Class 2 - Hazard to Waters**

---

**OCTYLPHENOXY POLYETHOXYETHANOL**

**ID:** 9036-19-5

**%:** 0.1000 - 1.0000

**GS:** LT-P1

**RC:** None

**NANO:** NO

**ROLE:** Surfactant

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**ENDOCRINE**
**EU - Priority Endocrine Disrupters**

Category 1 - In vivo evidence of Endocrine Disruption Activity

**CANCER**
**EU - SVHC Authorisation List**

Carcinogenic - Prioritized for listing

**ENDOCRINE**
**ChemSec - SIN List**

Endocrine Disruption

**ENDOCRINE**
**TEDX - Potential Endocrine Disruptors**

Potential Endocrine Disruptor

**MULTIPLE**
**German FEA - Substances Hazardous to Waters**

**Class 3 - Severe Hazard to Waters**

---

**1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBYRATATE**

**ID:** 25265-77-4

**%:** 0.1000 - 1.0000

**GS:** LT-UNK

**RC:** None

**NANO:** NO

**ROLE:** Coalescing agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**
<table>
<thead>
<tr>
<th>SUBSTANCE NOTES:</th>
<th>ID: 7631-86-9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SILICA, AMORPHOUS</strong></td>
<td></td>
</tr>
<tr>
<td>%: Impurity/Residual</td>
<td>0.0500 - 0.5000</td>
</tr>
<tr>
<td>GS: LT-P1</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC: None</td>
<td>None</td>
</tr>
<tr>
<td>NANO: NO</td>
<td>NO</td>
</tr>
<tr>
<td>ROLE: Impurity/Residual</td>
<td>Impurity/Residual</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**CANCER**

Japan - GHS
Carcinogenicity - Category 1A

**SUBSTANCE NOTES:**

<table>
<thead>
<tr>
<th>ID: 64742-88-7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC</strong></td>
</tr>
<tr>
<td>%: 0.0500 - 0.5000</td>
</tr>
<tr>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Defoamer</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**MAMMALIAN**

EU - GHS (H-Statements)
H304 - May be fatal if swallowed and enters airways

**ORGAN TOXICANT**

EU - GHS (H-Statements)
H372 - Causes damage to organs through prolonged or repeated exposure

**ENDOCRINE**

TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

**SUBSTANCE NOTES:**

<table>
<thead>
<tr>
<th>ID: 57-55-6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROPYLENE GLYCOL</strong></td>
</tr>
<tr>
<td>%: Impurity/Residual</td>
</tr>
<tr>
<td>GS: BM-2</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Impurity/Residual</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**ENDOCRINE**

TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

**SUBSTANCE NOTES:**

<table>
<thead>
<tr>
<th>ID: 68439-57-6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS</strong></td>
</tr>
<tr>
<td>%: 0.0500 - 0.5000</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Additive</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

**ENDOCRINE**

TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

**SUBSTANCE NOTES:**
### Xylenes

**ID:** 1330-20-7

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: BM-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

**Hazard: Mammalian**
- **EU - R-phrases:** R20 - Harmful by Inhalation (gas or vapor or dust/mist)
- **EU - R-phrases:** R21 - Harmful in Contact with Skin

**Skin Irritation**
- **EU - R-phrases:** R38 - Irritating to skin

**Endocrine**
- **TEDX - Potential Endocrine Disruptors:** Potential Endocrine Disruptor

**Reproductive**
- **Japan - GHS:** Toxic to reproduction - Category 1B

### Sodium Nitrite

**ID:** 7632-00-0

<table>
<thead>
<tr>
<th>%: 0.0200 - 0.2000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Additive</th>
</tr>
</thead>
</table>

**Hazard: Mammalian**
- **EU - R-phrases:** R25 - Toxic if Swallowed

**Acute Aquatic**
- **EU - R-phrases:** R50 - Very Toxic to Aquatic Organisms

**Acute Aquatic**
- **EU - GHS (H-Statements):** H400 - Very toxic to aquatic life

**Mammalian**
- **EU - GHS (H-Statements):** H301 - Toxic if swallowed

**Endocrine**
- **TEDX - Potential Endocrine Disruptors:** Potential Endocrine Disruptor

**Multiple**
- **German FEA - Substances Hazardous to Waters:** Class 3 - Severe Hazard to Waters

**Physical Hazard**
- **EU - GHS (H-Statements):** H272 - May intensify fire; oxidiser

### Solvent-Dewaxed Heavy Paraffinic Petroleum Distillates, Shown to Contain Less Than 3 % DMSO as Measured by IP 346

**ID:** 64742-65-0
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>CAS Number</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
<th>Agency(ies) with warnings</th>
<th>Substance notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINA TRIHYDRATE</td>
<td></td>
<td>21645-51-2</td>
<td>Impurity/Residual</td>
<td>BM-2</td>
<td>None</td>
<td>None</td>
<td>Impurity/Residual</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AOECD - Asthmagens</td>
<td>Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
</tr>
<tr>
<td>CHLORITE</td>
<td></td>
<td>1318-59-8</td>
<td>Impurity/Residual</td>
<td>UNK</td>
<td>None</td>
<td>None</td>
<td>Impurity/Residual</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZINC HYDROXIDE (ZN(OH)2)</td>
<td></td>
<td>20427-58-1</td>
<td>0.0100 - 0.5000</td>
<td>LT-UNK</td>
<td>None</td>
<td>None</td>
<td>Additive</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE</td>
<td></td>
<td>6846-50-0</td>
<td>0.0100 - 0.1500</td>
<td>LT-P1</td>
<td>None</td>
<td>None</td>
<td>Additive</td>
<td>None Found</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>Endocrine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

**VOC EMISSIONS**

**ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)**

**CERTIFYING PARTY:** Third Party  
**APPLICABLE FACILITIES:** all  
**CERTIFICATE URL:** www.Benjaminmoore.com  
**CERTIFICATION AND COMPLIANCE NOTES:**

**ISSUE DATE:** 2017-03-08  
**EXPIRY DATE:** 2019-03-08  
**CERTIFIER OR LAB:** Berkley Analytical

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

Section 5: General Notes
The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator, and when available, full GreenScreen assessments. The HPD Open Standard does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.