Section I - Product Identification

Trade Names/Synonyms: Optical White Paint
Part No.: 93K1040, 600K36530

Chemical Name: None

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (25-30%)</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Titanium dioxide (20-25%)</td>
<td>13463-67-7</td>
</tr>
<tr>
<td>Aluminum silicate (15-20%)</td>
<td>1332-58-7</td>
</tr>
<tr>
<td>Acrylic resin (10-15%)</td>
<td>*</td>
</tr>
<tr>
<td>Barium sulfate (5-10%)</td>
<td>7727-43-7</td>
</tr>
<tr>
<td>Butyl carbitol (1-5%)</td>
<td>112-34-5</td>
</tr>
<tr>
<td>1-Butoxy-2-propanol (1-5%)</td>
<td>5131-66-8</td>
</tr>
</tbody>
</table>

1 Trade Secret Registration # 80100074-5009

Section II - Emergency and First Aid

Eyes: Flush thoroughly with water.
Skin: Wash thoroughly with soap and water.
Inhalation: Remove from exposure.
Ingestion: Dilute stomach contents with several glasses of water.
Primary Route of Entry: Inhalation
Symptoms of Overexposure: Eyes: mild irritation, redness, tearing
Respiratory tract: mild irritation
Medical Conditions Generally Aggravated by Exposure: None when used for intended purposes.
Additional Information: See Section VII. Call physician.

Section III - Toxicology and Health Information

Oral LD50: N.D.  
Dermal LD50: N.D.  
Inhalation LC50: N.D.  
Eye Irritation: N.D.  
Skin Sensitization: N.D.  
Skin Irritation: N.D.  
Human Patch: N.D.  
Mutagenicity: N.D.  
Carcinogens: None known
Aquatic LC50: N.D.  
Additional Information: None

TLV: 10 mg/m^3 (titanium dioxide, aluminum silicate, barium sulfate-total dust)  
PEL: 10 mg/m^3 (titanium dioxide)  
STEL: None established  
XEL: 135 mg/m^3 (1-butoxy-2-propanol)

1 This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.  
*XEL-Xerox Exposure Limit
Section IV - Physical Data

Appearance/Odor: white liquid/paint odor
Boiling Point: 441°F
Solubility in Water: N.D.
Evaporation Rate: slower than ether
Vapor Density (Air=1): >1
Volatile N.D. % (Wgt) 52%(Vol.)

Softening Range: N.A.
Melting Point: N.A.
Specific Gravity (H₂O=1): N.D.
Vapor Pressure (mm Hg): .02 (Butyl carbitol)
\( \text{pH} = \text{N.D.} \)

Section V - Fire and Explosion Data

Flash Point (Method Used): None observed
Flammable LEL: 0.85 (Butyl carbitol)
Limits UEL: N.D.
Extinguishing Media: Carbon dioxide,dry chemical or foam.
Special Fire Fighting Procedures: Water may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles are preferrable. Firefighting personnel should wear self-contained breathing apparatus.
Fire and Explosion Hazards: Water born coatings of this type do not support combustion even though they have flash points. They do not behave like solvent coatings of equivalent flash points. Keep containers tightly closed. Closed containers may explode when exposed to extreme heat due to build up of steam pressure.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Fumes may contain oxide of carbon and may be toxic.
Incompatibility (Materials to Avoid): None known

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended.
Eye Protection: Safety glasses with side shields or goggles recommended.
Protective Gloves: Neoprene or rubber gloves recommended.
Other: Use adequate ventilation.

Section VIII - Special Precautions

Handling and Storage: Keep containers tightly closed.
Conditions to Avoid: Closed containers may explode when exposed to extreme heat due to build up of steam pressure.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: Ventilate area. Absorb with inert absorbent or sand.
Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

Section X - Transportation Information

DOT Proper Shipping Name: Not Regulated
Hazard Classification: N.A.
ID Number: N.A.

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