Section 1 - Chemical Product and Company

Product Name: GLOSS WHITE POLYESTER TOPCOAT    Product Code: PE1001
IC&S
1833 William Penn Way
Lancaster, PA    1761
Phone:  717-391-6250
Emergency Phone No:  Chem Tel 800-255-3924
or international 813-248-0585

Section 2 - Hazards

GHS Ratings:

- Flammable liquid  2  Flash point < 23°C and initial boiling point > 35°C (95°F)
- Skin corrosive  2  Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
- Eye corrosive  2A  Eye irritant: Subcategory 2A, Reversible in 21 days
- Carcinogen  2  Limited evidence of human or animal carcinogenicity
- Reproductive toxin  2  Human or animal evidence possibly with other information

GHS Hazards

- H225  Highly flammable liquid and vapour
- H315  Causes skin irritation
- H319  Causes serious eye irritation
- H351  Suspected of causing cancer
- H361  Suspected of damaging fertility or the unborn child

GHS Precautions

- P201  Obtain special instructions before use
- P202  Do not handle until all safety precautions have been read and understood
- P210  Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233  Keep container tightly closed
- P240  Ground/bond container and receiving equipment
- P241  Use explosion-proof electrical/ventilating/light/…/equipment
- P242  Use only non-sparking tools
- P243  Take precautionary measures against static discharge
- P264  Wash … thoroughly after handling
- P280  Wear protective gloves/protective clothing/eye protection/face protection
- P281  Use personal protective equipment as required
- P321  Specific treatment (see … on this label)
- P362  Take off contaminated clothing and wash before reuse
- P302+P352  IF ON SKIN: Wash with soap and water
- P303+P361+P353  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
**Section 3 - Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butanone (MEK)</td>
<td>78-93-3</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

**Section 4 - First Aid Measures**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness, call ambulance. Place patient on side and stabilize to prevent aspiration.

Rinse opened eye for several minutes under running water. Get medical attention if needed.

Take off immediately all contaminated clothing, including underwear and shoes. Immediately wash with soap and water and rinse thoroughly. Rinse thoroughly with plenty of water for at least 20 minutes and get medical attention.

Do not induce vomiting. Get medical assistance.

Symptoms of poisoning may occur after several hours, therefore medical observation for at least 48 hours after the incident is recommended.

**Section 5 - Fire Fighting Measures**

Flash Point: -4 C (25 F)

LEL: 2.00 UEL: 12.00

**Suitable extinguishing agents include:** Alcohol resistant foam, CO2, powder, water spray/mist. For safety reasons, do not use a jet water stream as it may scatter and spread fire.

Formation of toxic gases is possible during heating or in case of fire.

**Wear all appropriate protective equipment:** hard hat with visor, fireproof clothing, suitable gloves, and if necessary, personal respiratory protective device.
**Advice for firefighters:** Protective Equipment: Hardhat with visor, fireproof clothing, suitable glove and if necessary respiratory protective device.

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**Section 6 - Accidental Release Measures**

**Personal precautions,** protective equipment and emergency procedures. Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Do not allow to enter sewers, surface or ground water. Methods and material for containment and cleaning up: Absorb with liquid binding material, such as sand, diatomite, acid binders, universal binders, sawdust. Dispose of contaminated material as waste according to Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

**Environmental Precautions:** Do not allow to enter sewers/surface or groundwater. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose contaminated material as waste according to Section 13. Do not flush with water or aqueous cleansing agents.

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**Section 7 - Handling and Storage**

**Precautions for safe handling:** Ensure good ventilation/exhaust at the workplace. Prevent the formation of aerosols. Protect against electrostatic charges. Use explosion proof apparatus. Fittings and tools should be spark proof. Keep all sources of ignition away. Do not smoke in area.

Store in a cool, well-ventilated area, away from heat and sources of ignition. Provide solvent resistant, sealed floor on which to store material. Observe the label precautions. Keep receptacle tightly sealed. Store in cool, dry conditions in well-sealed receptacles.

Dispose of material in accordance with all local, state, and federal regulations.

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**Section 8 - Exposure Controls/Personal Protection**

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butanone (MEK) 78-93-3</td>
<td>200 ppm TWA</td>
<td>200 ppm TWA, 300 ppm STEL</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**General protective and hygienic measures:** Keep away from food and beverages Wash hands before breaks and at the end of work Avoid contact with eyes and skin.

**Respiratory protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Protective gloves. The glove material must be impermeable and
resistant to the product. Contact the manufacturer for recommendations.
Eye protection: Use tightly sealed goggles.

Section 9 - Physical and Chemical Properties
Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance: According to products specification</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>79 mm Hg</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Heavier Than Air</td>
</tr>
<tr>
<td>Freezing point:</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling range:</td>
<td>64°C</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>N/A</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>2% - 12%</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Density:</td>
<td>1.03</td>
</tr>
<tr>
<td>Odor:</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>N/A</td>
</tr>
<tr>
<td>pH:</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility:</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash point:</td>
<td>-4°C, 25°F</td>
</tr>
<tr>
<td>Flammability:</td>
<td>-4°C, 25°F</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>N/A</td>
</tr>
<tr>
<td>Grams VOC less water:</td>
<td>425</td>
</tr>
<tr>
<td>Melting point:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity
The product is stable in normal conditions of storage and use recommendations.

STABLE

Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications.

No dangerous decomposition products known.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information
Mixture Toxicity
Component Toxicity

Acute Toxicity:

Effects of Overexposure
Section 12 - Ecological Information

Component Ecotoxicity

Section 13 - Disposal considerations

DISPOSAL: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose of contents and container in accordance with all local, state, and federal regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
</table>

Section 15 - Regulatory Information

This section identifies the safety, health, and environmental regulations specific for the product that is not indicated anywhere else on the SDS.

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
- None

TSCA:
- None

Section 302: None
Section 311/312: Immediate & Delayed Heath Hazard; Fire Hazard
Section 313: Toxic Chemicals:
- None

CERCLA:
- None

Clear Air Act:
- None

Clean Water Act:
- None

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
</table>

EU Risk Phrases

Safety Phrase
Section 16 - Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

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Date Prepared: 9/23/2016

Reviewer Revision