Section 1 - Chemical Product and Company

Product Name: BLACK GLOSS POLYESTER   Product Code: PE1025
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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>2</td>
<td>Flash point &lt; 23°C and initial boiling point &gt; 35°C (95°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 4</td>
<td>Oral&gt;300+&lt;2000mg/kg</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;=2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>2</td>
<td>Limited evidence of human or animal carcinogenicity</td>
</tr>
</tbody>
</table>

GHS Hazards

- H225: Highly flammable liquid and vapour
- H302: Harmful if swallowed
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H351: Suspected of causing cancer

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
- P270: Do not eat, drink or smoke when using this product
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P281: Use personal protective equipment as required
- P321: Specific treatment (see … on this label)
- P330: Rinse mouth
- P362: Take off contaminated clothing and wash before reuse

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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>
<tr>
<td>Toluene</td>
<td>108-88-3</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: 1.00 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: hardhat 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.

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.

Environmental Precautions: Do no 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.

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.

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>
<tr>
<td>Toluene 108-88-3</td>
<td>200 ppm TWA</td>
<td>20 ppm TWA</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</td>
<td>According to products specification</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>1-12</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</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>8.61</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.

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 108-88-3 Toluene 1 to 5%

**TSCA:**
- None

**Section 302:** None

**Section 311/312:** Immediate & Delayed Heath Hazard; Fire Hazard

**Section 313:** Toxic Chemicals:
- 108-88-3 Toluene

**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

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

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National Fire Protection Association (NFPA)

Flammability

Health

Instability

Special

Date Prepared: 9/23/2016

Reviewer Revision