1 Identification of the substance and manufacturer

Trade name: GLOSS BLACK ENAMEL PAINT
Product code: 4656
Recommended use: Paint and coating applications.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: Rainbow Technology Corporation
261 Cahaba Valley Parkway
Pelham, AL 35124 USA
Phone: 1-800-637-6047
www.rainbowtech.net
Emergency telephone number: CHEMTEL 1-800-255-3924, 813-248-0585 if located outside the U.S.

2 Hazard(s) identification

Classification of the substance or mixture
Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
Eye Irrit. 2A H319 Causes serious eye irritation.
Repr. 1B H360 May damage fertility or the unborn child.
STOT SE 3 H336 May cause drowsiness or dizziness.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms

GHS02 GHS04 GHS07 GHS08

Signal word
Danger

Hazard statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes serious eye irritation.
May damage fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
Obtain special instructions before use.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 Acetone</td>
<td>32.27%</td>
</tr>
<tr>
<td>74-98-6 propane</td>
<td>18.91%</td>
</tr>
<tr>
<td>106-97-8 n-butane</td>
<td>11.11%</td>
</tr>
<tr>
<td>64742-89-8 VM&amp;P Naphtha</td>
<td>8.78%</td>
</tr>
<tr>
<td>64742-47-8 Mineral Spirits</td>
<td>5.89%</td>
</tr>
<tr>
<td>108-88-3 Toluene</td>
<td>4.84%</td>
</tr>
<tr>
<td>67-63-0 Isopropyl Alcohol</td>
<td>2.92%</td>
</tr>
</tbody>
</table>

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to section 13.

7 Handling and storage

Precautions for safe handling
Use only in well ventilated areas.
Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL (USA) Long-term value</th>
<th>REL (USA) Long-term value</th>
<th>TLV (USA) Short-term value</th>
<th>BEI</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 Acetone</td>
<td>2400 mg/m³, 1000 ppm</td>
<td>590 mg/m³, 250 ppm</td>
<td>1187 mg/m³, 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>594 mg/m³, 250 ppm</td>
<td></td>
</tr>
<tr>
<td>74-98-6 propane</td>
<td>1800 mg/m³, 1000 ppm</td>
<td>1800 mg/m³, 1000 ppm</td>
<td>refer to Appendix F in TLVs &amp; BEIs book; D, EX</td>
<td></td>
</tr>
<tr>
<td>106-97-8 n-butane</td>
<td>1900 mg/m³, 800 ppm</td>
<td>2370 mg/m³, 1000 ppm</td>
<td>(EX)</td>
<td></td>
</tr>
<tr>
<td>108-88-3 Toluene</td>
<td>200 ppm</td>
<td>560 mg/m³, 150 ppm</td>
<td>75 mg/m³, 20 ppm</td>
<td>BEI</td>
</tr>
<tr>
<td>67-63-0 Isopropyl Alcohol</td>
<td>980 mg/m³, 400 ppm</td>
<td>1225 mg/m³, 500 ppm</td>
<td>980 mg/m³, 400 ppm</td>
<td>BEI</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>492 mg/m³, 200 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Ingredients with biological limit values:

<table>
<thead>
<tr>
<th>Component</th>
<th>BEI (USA) Long-term value</th>
<th>Medium: urine</th>
<th>Time: end of shift</th>
<th>Parameter: Acetone</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 Acetone</td>
<td>50 mg/L</td>
<td>urine</td>
<td>end of shift</td>
<td>nonspecific</td>
</tr>
<tr>
<td>67-63-0 Isopropyl Alcohol</td>
<td>40 mg/L</td>
<td>urine</td>
<td>end of shift at end of workweek</td>
<td>Acetone (background, nonspecific)</td>
</tr>
</tbody>
</table>

Hygienic protection:
Keep away from foodstuffs and animal feed. Wash hands after use. Store protective clothing separately. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment:
A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:
Nitrile gloves.

Eye protection:
The glove material must be impermeable and resistant to the substance.

Tightly sealed goggles.
9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.

pH-value: Not determined.
Melting point/Melting range: Undetermined.
Boiling point: -110 °C (-166 °F)
Flash point: -19 °C (-2.2 °F)
Flammability (solid, gas): Extremely flammable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.

Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: 1.5 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density: Not determined.
Evaporation rate: Not applicable.
Partition coefficient: n-octanol/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
VOC content (less exempt solvents): 48.6 %

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Inhalation LC50</th>
<th>Dermal LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-butane</td>
<td>658 mg/l (rat)</td>
<td>13,400 mg/kg (rat)</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>4,570 mg/kg (rat)</td>
<td>30 mg/l (rat)</td>
</tr>
</tbody>
</table>

Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number: UN1950
DOT: N/A
DOT Consumer Commodity ORM-D: Aerosols, flammable
ADR: 1950 Aerosols
Transport hazard class(es): 2.1
Class: Marine pollutant: No
Special precautions for user: Warning: Gases
# Safety Data Sheet

**Trade name:** GLOSS BLACK ENAMEL

 EMS Number: F-D,S-U  
 Packaging Group: --  
 UN "Model Regulation": UN1950, Aerosols, 2.1

## 15 Regulatory information

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 355 (extremely hazardous substances):</td>
<td>None of the ingredients in this product are listed.</td>
</tr>
</tbody>
</table>
| SARA Section 313 (Specific toxic chemical listings): | 108-88-3 Toluene  
 87-83-0 Isopropyl Alcohol |
| Toxic Substances Control Act (TSCA): | All hazardous ingredients for this product are found on the inventory list of substances. |
| Consumer Product Safety Commission (CPSC): | This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead. |
| California Proposition 65 chemicals known to cause cancer: | 1333-86-4 Carbon black  
 100-41-4 ethyl benzene |
| California Proposition 65 chemicals known to cause birth defects or reproductive harm: | 108-88-3 Toluene |
| CANADIAN ENVIRONMENTAL PROTECTION ACT: | All hazardous ingredients for this product appear on the Canadian Domestic Substance List. |
| EPA: | 67-64-1 Acetone |

## 16 Other information

**Contact:** Regulatory Affairs