1 Identification of the substance and manufacturer

**Trade name:** Ultra-Light Gray  
**Product code:** 4653  
**Manufacturer/Supplier:** Rainbow Technology Corporation  
261 Cahaba Valley Parkway  
Pelham, AL 35124  
Phone: 800-637-6047 Contact: Larry Joe Steeley, Jr.  
www.rainbowtech.net  
**Emergency telephone number:** CHEMTEL 1-800-255-3924 or 813-248-0585 *if located outside the U.S.*

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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.
- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2A H319 Causes serious eye irritation.
- Repr. 2 H361 Suspected of damaging 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 skin irritation.
- Causes serious eye irritation.
- Suspected of damaging 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.
- Do not pierce or burn, even after use.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- 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 skin irritation occurs: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of water.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash it before reuse.
- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Protect from sunlight. Store in a well-ventilated place.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

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3 Composition/information on ingredients

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

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>37.13%</td>
</tr>
<tr>
<td>propane</td>
<td>15.82%</td>
</tr>
<tr>
<td>Toluene</td>
<td>11.65%</td>
</tr>
<tr>
<td>n-butane</td>
<td>9.29%</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>4.21%</td>
</tr>
<tr>
<td>methyl isobutyl ketone</td>
<td>2.34%</td>
</tr>
<tr>
<td>Methyl Propyl Ketone</td>
<td>1.96%</td>
</tr>
<tr>
<td>Glycol Ether EP</td>
<td>1.52%</td>
</tr>
<tr>
<td>isobutyl acetate</td>
<td>1.39%</td>
</tr>
</tbody>
</table>

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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 mouth with water. Do not induce vomiting.

(Contd. on page 2)
Trade name: Ultra-Light Gray

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

5 Fire-fighting measures
Extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards:
Can form explosive gas-air mixtures.
Protective equipment for firefighters:
A respiratory protective device may be necessary.

6 Accidental release measures
Personal precautions, protective equipment and emergency procedures:
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.
Storage requirements:
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>Acetone</th>
<th>PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REL (USA) Long-term value: 590 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) Short-term value: 1187 mg/m³, 500 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 594 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>Propane</td>
<td>PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>REL (USA) Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) refer to Appendix F in TLVs and BEIs book</td>
</tr>
</tbody>
</table>

Toluene

<table>
<thead>
<tr>
<th>Propane</th>
<th>PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REL (USA) Long-term value: 1800 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) Long-term value: 75 mg/m³, 20 ppm</td>
</tr>
</tbody>
</table>

n-Butane

<table>
<thead>
<tr>
<th>Toluene</th>
<th>PEL (USA) Long-term value: 200 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ceiling limit value: 300; 500 ppm</td>
</tr>
<tr>
<td></td>
<td>*10-min peak per 8-hr shift</td>
</tr>
<tr>
<td></td>
<td>REL (USA) Short-term value: 560 mg/m³, 150 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 375 mg/m³, 100 ppm</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) Long-term value: 75 mg/m³, 20 ppm</td>
</tr>
</tbody>
</table>

1-Butene

<table>
<thead>
<tr>
<th>Toluene</th>
<th>PEL (USA) Long-term value: 1900 mg/m³, 800 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REL (USA) Long-term value: 2370 mg/m³, 1000 ppm</td>
</tr>
</tbody>
</table>

1-Methyl-1-butene

<table>
<thead>
<tr>
<th>Toluene</th>
<th>PEL (USA) Long-term value: 410 mg/m³, 100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REL (USA) Short-term value: 300 mg/m³, 75 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 205 mg/m³, 50 ppm</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) Short-term value: 307 mg/m³, 75 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 82 mg/m³, 20 ppm</td>
</tr>
</tbody>
</table>

Ingredients with biological limit values:

<table>
<thead>
<tr>
<th>Acetone</th>
<th>BEI (USA) 50 mg/L Medium: urine</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Time: end of shift Parameter: Acetone (nonspecific)</td>
</tr>
</tbody>
</table>
## 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:**

**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>LD/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-97-8 n-butane</td>
<td>658 mg/l (rat)</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide</td>
<td>&gt;20000 mg/kg (rat)</td>
</tr>
</tbody>
</table>
Trade name: Ultra-Light Gray

41.2.14

Dermal LD50 >10000 mg/kg (rbt)
Inhalative LC50/4 h >6.82 mg/l (rat)

108-10-1 methyl isobutyl ketone

Oral LD50 2100 mg/kg (rat)
Dermal LD50 16000 mg/kg (rab)
Inhalative LC50/4 h 8.3-16.6 mg/l (rat)

110-19-0 isobutyl acetate

Oral LD50 4763 mg/kg (rbt)

Information on toxicological effects:
No data available.

Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.

Carcinogenic categories
IARC (International Agency for Research on Cancer)
108-88-3 Toluene 3
13463-67-7 titanium dioxide 2B
108-10-1 methyl isobutyl ketone 2B

NTP (National Toxicology Program)
None of the ingredients is listed.

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.
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
ADR 1950 Aerosols
Transport hazard class(es):
Class 2.1
Special precautions for user:
Warning: Gases
EMS Number: F-D,S-U
Quantity limitations
On passenger aircraft/rail: 75 kg
On cargo aircraft only: 150 kg
ADR
Excepted quantities (EQ)
Code: E0
Not permitted as Excepted Quantity
IMDG
Limited quantities (LQ) 1L
Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
Packaging Group: UN "Model Regulation": UN1950, Aerosols, 2.1

15 Regulatory information
SARA Section 355 (extremely hazardous substances):
None of the ingredients in this product are listed.
SARA Section 313 (Specific toxic chemical listings):
108-88-3 Toluene
108-10-1 methyl isobutyl ketone
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:
13463-67-7 titanium dioxide
108-10-1 methyl isobutyl ketone
100-41-4 ethyl benzene
California Proposition 65 chemicals known to cause developmental toxicity: 108-88-3 Toluene

(Contd. on page 5)
**Trade name:** Ultra-Light Gray

**CANADIAN ENVIRONMENTAL PROTECTION ACT:**
All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

**WHMIS Symbols for Canada:**
- A - Compressed gas
- D2A - Very toxic material causing other toxic effects

<table>
<thead>
<tr>
<th>EPA:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
</tr>
<tr>
<td>108-10-1</td>
<td>Methyl isobutyl ketone</td>
</tr>
<tr>
<td>110-19-0</td>
<td>Isobutyl acetate</td>
</tr>
</tbody>
</table>

**16 Other information**

| Contact: | Larry Joe Steeley, Jr. 800-637-6047 |
| Date of preparation / last revision | 03/17/2016 / - |