1 Identification of the substance and manufacturer

Trade name: PRO-COAT LT. GRAY PRIMER

IBS Part Number 81431
Product category: Paints and coatings.
Manufacturer/Supplier: IBS Inc.
PO Box 1717, Auburn, WA 98071-1717
Phone: 253-804-8666 www.industrualbolt.com
CHEMTEL 1-800-255-3924, or 813-248-0585.

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.
Carc. 2 H351 Suspected of causing cancer.
Repr. 2 H361 Suspected of damaging fertility or the unborn child.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

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 causing cancer.
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
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
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.
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.
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.
Store in a well-ventilated place. Keep container tightly closed.
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.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>23.24%</td>
</tr>
<tr>
<td>propane</td>
<td>12.5%</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>7.43%</td>
</tr>
<tr>
<td>n-butane</td>
<td>7.4%</td>
</tr>
<tr>
<td>Toluene</td>
<td>6.08%</td>
</tr>
<tr>
<td>VM&amp;P Naphtha</td>
<td>5.5%</td>
</tr>
<tr>
<td>Talc</td>
<td>4.3%</td>
</tr>
<tr>
<td>xylene (mix)</td>
<td>3.96%</td>
</tr>
<tr>
<td>ethyl alcohol</td>
<td>3.81%</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>3.0%</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>2.67%</td>
</tr>
<tr>
<td>isobutyl acetate</td>
<td>1.52%</td>
</tr>
</tbody>
</table>

(Contd. on page 4)
Safety Data Sheet

Trade name: PRO-COAT LT. GRAY PRIMER
108-65-6 | PM acetate

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 and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness

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: 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: Ensure adequate ventilation.
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:

67-64-1 Acetone
- PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm
- REL (USA) Long-term value: 590 mg/m³, 250 ppm
- TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
- Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm

74-98-6 Propane
- PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
- REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
- TLV (USA) refer to Appendix F

106-97-8 n-Butane
- REL (USA) Long-term value: 1900 mg/m³, 800 ppm
- TLV (USA) Short-term value: 2370 mg/m³, 1000 ppm

108-88-3 Toluene
- PEL (USA) Long-term value: 200 ppm
- Ceiling limit value: 300; 500* ppm
- REL (USA) Short-term value: 560 mg/m³, 150 ppm
- Long-term value: 375 mg/m³, 100 ppm
- TLV (USA) Long-term value: 75 mg/m³, 20 ppm

1330-20-7 Xylene (mix)
- PEL (USA) Long-term value: 435 mg/m³, 100 ppm
- REL (USA) Short-term value: 655 mg/m³, 150 ppm
- Long-term value: 435 mg/m³, 100 ppm
- TLV (USA) Short-term value: 651 mg/m³, 150 ppm
- Long-term value: 434 mg/m³, 100 ppm

64-17-5 Ethyl Alcohol
- PEL (USA) Long-term value: 1900 mg/m³, 1000 ppm
- REL (USA) Long-term value: 1900 mg/m³, 1000 ppm
- TLV (USA) Short-term value: 1880 mg/m³, 1000 ppm
Trade name: PRO-COAT LT. GRAY PRIMER

123-86-4 n-butyl acetate
PEL (USA) Long-term value: 710 mg/m³, 150 ppm
REL (USA) Short-term value: 950 mg/m³, 200 ppm
Long-term value: 710 mg/m³, 150 ppm
TLV (USA) Long-term value: 713 mg/m³, 150 ppm

110-19-0 isobutyl acetate
PEL (USA) Long-term value: 700 mg/m³, 150 ppm
REL (USA) Long-term value: 700 mg/m³, 150 ppm
TLV (USA) Long-term value: 713 mg/m³, 150 ppm

108-65-6 PM acetate
PEL (USA) Long-term value: 710 mg/m³, 150 ppm
REL (USA) Long-term value: 713 mg/m³, 150 ppm
TLV (USA) Long-term value: 713 mg/m³, 150 ppm

Ingredients with biological limit values:

67-64-1 Acetone
BEI (USA) 50 mg/L
Medium: urine
Time: end of shift
Parameter: Acetone (nonspecific)

108-88-3 Toluene
BEI (USA) 0.02 mg/L
Medium: blood
Time: prior to last shift of workweek
Parameter: Toluene

0.03 mg/L
Medium: urine
Time: end of shift
Parameter: Toluene

0.3 mg/g creatinine
Medium: urine
Time: end of shift
Parameter: o-Cresol with hydrolysis (background)

1330-20-7 xylene (mix)
BEI (USA) 1.5 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.
Immediately remove all soiled and contaminated clothing.
Wash hands after use.
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 hygeine.

Hand protection: Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection: 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: -44 °C (-47 °F)
Flash point: -19 °C (-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: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %

Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapour density: Not determined.
Evaporation rate: Not applicable.
Partition coefficient: n-octonal/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.

VOC content: 568.8 g/l / 4.75 lb/gl
VOC content (less exempt solvents): 50.7 %
### 10 Stability and reactivity

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

### 11 Toxicological information

#### LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalative LC50/4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7 titanium dioxide</td>
<td>&gt;20000 mg/kg (rat)</td>
<td>&gt;10000 mg/kg (rbt)</td>
<td>&gt;6.82 mg/l (rat)</td>
</tr>
<tr>
<td>106-97-8 n-butane</td>
<td>8700 mg/kg (rat)</td>
<td>2000 mg/kg (rbt)</td>
<td>6350 mg/l (rat)</td>
</tr>
<tr>
<td>1330-20-7 xylene (mix)</td>
<td>14000 mg/kg (rat)</td>
<td>&gt;21.0 mg/l (rat)</td>
<td></td>
</tr>
<tr>
<td>64-17-5 ethyl alcohol</td>
<td>7060 mg/kg (rat)</td>
<td>20000 mg/l (rat)</td>
<td></td>
</tr>
<tr>
<td>123-86-4 n-butyl acetate</td>
<td>8500 mg/kg (rat)</td>
<td>35.7 mg/l (rat)</td>
<td></td>
</tr>
</tbody>
</table>

#### Information on toxicological effects:
- Skin effects: No irritant effect.
- Eye effects: Irritating effect.
- Sensitization: No sensitizing effects known.

#### Carcinogenic categories

- **IARC (International Agency for Research on Cancer)**
  - 13463-67-7 titanium dioxide: 2B
  - 108-88-3 Toluene: 3
  - 14807-96-6 Talc: 2B
  - 1330-20-7 xylene (mix): 3
  - 64-17-5 ethyl alcohol: 1

- **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

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT</th>
<th>DOT ADR</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>N/A</td>
<td>Consumer Commodity ORM-D Aerosols, flammable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1950 Aerosols</td>
</tr>
</tbody>
</table>
### 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
- 1330-20-7 xylene (mix)

#### 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
- 100-41-4 ethyl benzene
- 1333-86-4 Carbon black
- 108-10-1 methyl isobutyl ketone

#### California Proposition 65 chemicals known to cause developmental toxicity:
- 108-88-3 Toluene
- 67-56-1 Methanol

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

#### EPA:
- 67-64-1 Acetone I
- 108-88-3 Toluene II
- 1330-20-7 xylene (mix) I
- 110-19-0 isobutyl acetate D

### 16 Other information

**Contact:** Regulatory Affairs  
**Date of preparation / last revision:** 04/16/2015 / -