SAFETY DATA SHEET
PRO31 SLOW ACTIVATOR

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PRO31 SLOW ACTIVATOR
Product code: PRO31-Q

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: HARDENER CONTAINS ISOCYANATE, XYLENE, MIXTURE OF SOLVENTS

1.3. Details of the supplier of the safety data sheet

Company name: Pro Line Performance Products
PO Box 1136
Olympia
WA 98507
USA

Website: ProLinePerformanceProducts.com

1.4. Emergency telephone number

Emergency tel: 1-800-424-9300 (CHEMTREC)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; Xn: R20; Sens.: R42/43; N: R51/53

Most important adverse effects: Flammable. Harmful by inhalation. May cause sensitisation by inhalation and skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Dangerous for the environment.
Harmful.

Risk phrases: R10: Flammable.
R20: Harmful by inhalation.
R42/43: May cause sensitisation by inhalation and skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S23: Do not breathe vapour/spray
SAFETY DATA SHEET
PRO31 SLOW ACTIVATOR

S24: Avoid contact with skin.
S37: Wear suitable gloves.
S42: During fumigation / spraying wear suitable respiratory equipment.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.

2.3. Other hazards

Other hazards: May cause sensitisation by skin contact.

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

N-BUTYL ACETATE

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>204-658-1</td>
<td>123-86-4</td>
<td>-: R10; -: R66; -: R67</td>
<td>-</td>
<td>1-12.5%</td>
</tr>
</tbody>
</table>

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>265-199-0</td>
<td>64742-95-6</td>
<td>Xn: R65; -: R10; Xi: R37; N: R51/53</td>
<td>-</td>
<td>30-40%</td>
</tr>
</tbody>
</table>

2-METHOXY-1-METHYLETHYL ACETATE

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>203-603-9</td>
<td>108-65-6</td>
<td>-: R10</td>
<td>-</td>
<td>20-30%</td>
</tr>
</tbody>
</table>

HEXAMETHYLENE DIISOCYANATE OLIGOMERS

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-060-2</td>
<td>28182-81-2</td>
<td>Xn: R20; Xi: R37; Sens.: R43</td>
<td>-</td>
<td>30-40%</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.
### Section 5: Fire-fighting measures

**5.1. Extinguishing media**

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol or polymer foam. Do not use water.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water. Avoid all incompatible materials in clean-up procedure - see section 10 of SDS.

**6.4. Reference to other sections**

Reference to other sections: Refer to section 8 of SDS.

### Section 7: Handling and storage

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

### Section 8: Exposure controls/personal protection

**8.1. Control parameters**

[cont...]
**Respirable dust**

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>0.02 mg/m³</td>
<td>0.07 mg/m³</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Hazardous ingredients:**

**N-BUTYL ACETATE**

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>724 mg/m³</td>
<td>966 mg/m³</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**2-METHOXY-1-METHYLETHYL ACETATE**

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>274 mg/m³</td>
<td>548 mg/m³</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**HEXAMETHYLENE DIISOCYANATE OLIGOMERS**

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>0.02 - 0.07 mg/m³</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Compressed airline breathing apparatus (EN139).

**Hand protection:** Nitrile gloves.

**Eye protection:** Face-shield.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

- **State:** Liquid
- **Colour:** Colourless
- **Odour:** Aromatic
- **Evaporation rate:** Moderate
- **Solubility in water:** Insoluble
- **Also soluble in:** Most organic solvents.
- **Viscosity:** Non-viscous
- **Kinematic viscosity:** 100 cps
- **Flammability limits %:** lower: 1.7, upper: 7.6
- **Flash point °C:** 27
- **Auto-flammability °C:** 370
- **Relative density:** 1.0
- **VOC g/l:** 585 (4.92 lb/gal)

**9.2. Other information**

Other information: Not applicable.
Section 10: Stability and reactivity

10.1. Reactivity
Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability
Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid
Conditions to avoid: Heat. Sources of ignition. Flames.

10.5. Incompatible materials

10.6. Hazardous decomposition products
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects
Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (harmful)</td>
<td>INH</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Sensitisation</td>
<td>INH DRM</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

- **Skin contact:** There may be irritation and redness at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be soreness and redness of the mouth and throat.
- **Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity
Ecotoxicity values: Not applicable.

12.2. Persistence and degradability
Persistence and degradability: Not biodegradable.
12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

12.4. Mobility in soil

**Mobility:** Insoluble in water.

12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

12.6. Other adverse effects

**Other adverse effects:** Very toxic to aquatic organisms.

### Section 13: Disposal considerations

13.1. Waste treatment methods

- **Disposal operations:** Incineration on land.
- **Recovery operations:** Use principally as a fuel or other means to generate energy.
- **Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

14.1. UN number

**UN number:** UN1263

14.2. UN proper shipping name

**Shipping name:** PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

**Transport class:** 3

14.4. Packing group

**Packing group:** III

14.5. Environmental hazards

**Environmentally hazardous:** Yes  
**Marine pollutant:** No

14.6. Special precautions for user

**Special precautions:** No special precautions.

- **Tunnel code:** D/E
- **Transport category:** 3
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and 3:
R10: Flammable.
R20: Harmful by inhalation.
R37: Irritating to respiratory system.
R42/43: May cause sensitisation by inhalation and skin contact.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.