SAFETY DATA SHEET
HAWKE EPOXY COMPOUND SEAL ACTIVATOR

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

1.1. Product identifier

Product name: HAWKE EPOXY COMPOUND SEAL ACTIVATOR
Product code: 10067

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

Use of substance / mixture: Sealing compound for power cable accessories

1.3. Details of the supplier of the safety data sheet

Company name: Chemfix Products Limited
Mill Street East
Dewsbury
West Yorkshire
WF12 9BQ
United Kingdom
Tel: +44 (0)1924 453886
Fax: +44 (0)1924 458995
Email: sds@chemfix.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)1924 431679

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP:
Xi: R36/38; Sens.: R43; Xn: R68

Most important adverse effects: Irritating to eyes and skin. May cause sensitisation by skin contact. Possible risk of irreversible effects.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Harmful.

Risk phrases:
R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R68: Possible risk of irreversible effects.

Safety phrases: S2: Keep out of the reach of children.

[cont...]
Precautionary phrases:  * Contains 3,6-diazaoctanethylenediamine, 2,2'-iminodiethylamine. May produce an allergic reaction.

2.3. Other hazards

Other hazards:  Not applicable.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

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<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>-</td>
<td>-</td>
<td>Xi: R36/38; Sens.: R43; -: R52/53</td>
<td>-</td>
<td>10-20%</td>
</tr>
</tbody>
</table>

PHENOL

<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>203-632-7</td>
<td>108-95-2</td>
<td>T: R23/24/25; C: R34; Xn: R48/20/21/22; Xn: R68</td>
<td>Muta. 2: H341; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Skin Corr. 1B: H314</td>
<td>1-3%</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

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

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

Ingestion:  Wash out mouth with water. If conscious, give half a litre of water to drink immediately.

Inhalation:  Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

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

Eye contact:  There may be irritation and redness.

Ingestion:  Nausea and stomach pain may occur.

Inhalation:  No symptoms.

Delayed / immediate effects:  Not applicable.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment:  Show this safety data sheet to the doctor in attendance.

[cont...]
## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Water spray. Foam. Dry chemical powder. Carbon dioxide.

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

**Exposure hazards:** 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. Transfer to a suitable container. Ensure adequate ventilation.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

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

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

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

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

### 7.3. Specific end use(s)

**Specific end use(s):** Building and construction work (SU19).

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters
Hazardous ingredients:

PHENOL

### Workplace exposure limits:

<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>
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</thead>
<tbody>
<tr>
<td>UK</td>
<td>2 ppm</td>
<td>4 ppm</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Breathing protection is required in inadequately ventilated places.

Hand protection: Butyl gloves. Nitrile gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

### Section 9: Physical and chemical properties

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

- **State:** Solid
- **Colour:** Yellow
- **Odour:** Characteristic odour
- **Evaporation rate:** Negligible
- **Oxidising:** Non-oxidising (by EC criteria)
- **Solubility in water:** Slightly soluble
- **Also soluble in:** Most organic solvents.
- **Viscosity:** Non-viscous

- **Boiling point/range°C:** >100
- **Flash point°C:** 140
- **Relative density:** 1.86

#### 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.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Acids.

10.6. Hazardous decomposition products

Haz. decomp. products: None, if stored and handled correctly.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

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<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>ORL</td>
<td>MUS</td>
<td>LD50</td>
<td>270</td>
<td>mg/kg</td>
</tr>
<tr>
<td>ORL</td>
<td>RAT</td>
<td>LD50</td>
<td>317</td>
<td>mg/kg</td>
</tr>
<tr>
<td>SCU</td>
<td>RAT</td>
<td>LD50</td>
<td>460</td>
<td>mg/kg</td>
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</table>

* Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>OPT DRM</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Sensitisation</td>
<td>DRM</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: Nausea and stomach pain may occur.
Inhalation: No symptoms.

Delayed / immediate effects: Not applicable.
Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not expected to be easily biodegradable.
12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Must not be disposed together with household waste. Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste.

Waste code number: 08 04 09

Disposal of packaging: May be reused following decontamination.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

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.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:

H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H331: Toxic if inhaled.
H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R34: Causes burns.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R48/20/21/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R68: Possible risk of irreversible effects.

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.

ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please mix any waste product to its cured state.