1. **Product Identification**

   **Product Name:** FAE-SW 040 INK

   **24 Hr Emergency Telephone:** INFOTRAC 1-800-535-5053

2. **Composition/Information on Ingredients**

   **Components**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>Content %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>30-35</td>
</tr>
<tr>
<td>Acetone, propan-2-one, propanone</td>
<td>67-64-1</td>
<td>30-35</td>
</tr>
<tr>
<td>Isopropanol, isopropyl alcohol, propan-2-ol</td>
<td>67-63-0</td>
<td>5-10</td>
</tr>
<tr>
<td>Glycolacid-n-butylester</td>
<td>7397-62-8</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Synthetic material – Binding agents – Dyes-Additive-Mixture</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. **Hazard Identification**

   **F Flammable liquid**

4. **First Aid Measures**

   **General Information:** In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Never give anything by mouth to an unconscious person

   **After inhalation:** Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Giving nothing by mouth. Consult physician

   **After contact with skin:** After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Do not use solvents or thinners.

   **After contact with eyes:** Take off lenses. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician.

   **After ingestion:** Immediately get medical attention. Keep at rest. Do not induce vomiting.

5. **Fire Fighting Measures**

   **Suitable extinguishing media:** Alcohol resistant foam. Carbon dioxide (CO2). Dry extinguishing powder. Water spray.

   **Unsuitable extinguishing media:** High power water jet

   **Special hazards arising from the chemical:** Fire will produce dense black smoke. Exposure to decomposition product may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire water. Do not allow run off from fire fighting to enter drains or water courses.

6. **Accidental Release Measures**

   Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Absorb spills with non-combustible, liquid-binding material (such as sand, silica gel, multi-purpose binding agent) and remove to a safe place for disposal. Do not allow to enter drains or watercourse. Clean preferably with a detergent; avoid use of solvents. If the product contaminates waterways, inform appropriate authorities.

7. **Handling and Storage**

   **Handling:** The vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.

   Product should only be used in areas from which all naked light and other sources of ignition have been excluded. Electrical equipment should be protected according to the appropriate standard.

   Preparation may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
Keep container tightly closed. Isolate from sources of heat, sparks and open flames. No sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.

Never use pressure to empty. Container is not a pressure vessel. Always keep in containers of same materials as the original one.

8. Exposure Controls/Personal Protection

Engineering measures: Provide adequate ventilation. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction.

Exposure Limits:

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>OEL value mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1900</td>
</tr>
<tr>
<td>Acetone, propanone</td>
<td>67-64-1</td>
<td>1200</td>
</tr>
<tr>
<td>Isopropanol, isopropyl alcohol</td>
<td>67-63-0</td>
<td>500</td>
</tr>
<tr>
<td>Glycolicid-n-butylester</td>
<td>7397-62-8</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Personal Protection:

Respiratory protection: If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

Hand protection: For prolonged and repeated contact use solvent-resistant gloves (Butyl rubber)

Eye protection: Tightly sealed safety glasses.

Skin protection: antistatic clothing made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>black</td>
</tr>
<tr>
<td>Odor</td>
<td>alcoholic smell</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10 sec, DIN 4 cup</td>
</tr>
<tr>
<td>Density</td>
<td>0.86</td>
</tr>
<tr>
<td>Flash point</td>
<td>14 °C</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>60 hPa</td>
</tr>
<tr>
<td>Ignition point</td>
<td>425 °C</td>
</tr>
<tr>
<td>Lower explosion limits</td>
<td>2 vol %</td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>12 vol %</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>partially</td>
</tr>
</tbody>
</table>

10 Stability and Reactivity

Stable. When exposed to high temperatures may produce hazardous decomposition product such as carbon monoxide and dioxide, smoke, oxide of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
11. **Toxicological Information**

No data on product itself. Exposure to solvents vapor concentration in excess of stated occupational limits may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Because of fat=solvent properties of product, repeated or prolonged contact may lead to skin drying out. Absorption of the product through the skin is possible. Exposure to eyes may cause irritation and irreversible damage.

12. **Ecological Information**

No data on product itself.

13. **Disposal Considerations:**

Waste disposal according to official state regulations.

14. **Transport Information**

Proper shipping name: PAINT
Hazard class: 3
UN/NA: 1263 PG II

15. **Regulatory Information**

U.S. Regulations:
Acetone (67-64-1) CERLA
Isopropanol, isopropyl alcohol (67-63-0) SARA 313

16. **Other Information**

**Hazardous Materials Information Label (HMIS)**

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
</tbody>
</table>

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