Material Safety Data Sheet  
May be used to comply with OSHA’s Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

**Section I**

**Manufacturer’s Name**  
KANSAS CORRECTIONAL INDUSTRIES

**Address**  
KANSAS DEPARTMENT OF CORRECTIONS  
POST OFFICE BOX 2  
LANSING, KANSAS 66043

**Emergency Telephone Number**  
CHEMTREX #800-424-9300

**Telephone Number for Information**  
913-727-3249

**Date Prepared**  
September 30, 1987

**Signature of Preparer (optional)**  

**Section II – Hazardous Ingredients/Identify Information**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>CAS</th>
<th>% Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINERAL SPIRITS</td>
<td>500 ppm</td>
<td>100 ppm</td>
<td>8052-41-3</td>
<td>&lt;26</td>
</tr>
<tr>
<td>IRON OXIDE PIGMENT, dust</td>
<td>10 mg/m³</td>
<td>5 mg/m³</td>
<td>1332-37-2</td>
<td>&lt;14</td>
</tr>
</tbody>
</table>

**Section III – Physical/Chemical Characteristics**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>240°F</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>1.4</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Reddish liquid; hydrocarbon odor</td>
</tr>
</tbody>
</table>

**Section IV – Fire and Explosion Hazard Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>100°F TCC</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL 1% UEL 7%</td>
</tr>
</tbody>
</table>

**Extinguishing Media**  
Carbon dioxide and dry chemical extinguishers for small fires; use foam for large fires.

**Special Fire Fighting Procedures**  
Firefighters must wear self-contained breathing apparatus with full facepiece operated in pressure demand or positive pressure mode. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion.

**Unusual Fire and Explosion Hazards**  
Vapors may accumulate and travel to ignition sources distant from handling site. Keep away from high heat, sparks and open flame. Burning liquid can float on water, spread further and be subject to re-ignition.
Section V – Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td>High heat and contact with strong oxidizing agents</td>
</tr>
<tr>
<td>Stable</td>
<td>XXX</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

Avoid contact with acids and oxidizing agents

Hazardous Decomposition or Byproducts

Carbon monoxide, smoke, iron oxide fumes

Hazardous Polymerization

Hazardous Conditions to Avoid

Heat; sources of ignition

XXX

Section VI – Health Hazard Data

Route(s) of Entry

Inhalation? YES  Skin? YES  Ingestion? POSSIBLE

Health Hazards

EYES: can cause irritation. SKIN: prolonged contact can cause irritation, defatting and dermatitis. INGESTION: gastrointestinal disturbances and vomiting if large amounts are ingested. INHALATION: high vapor concentrations can result in headache, nausea, dizziness and irritation of the respiratory tract, chronic effects include CMS depression, allergic responses, and dermatitis.

Carcinogenicity: NTP? NOT LISTED  IARC Monographs? NO  OSHA Regulated? NO

Signs and Symptoms of Exposure

EYES: redness and watering of eyes. SKIN: redness and irritation; possibly contact dermatitis. INGESTION: possibly nausea, cramps, vomiting; other stomach and intestinal disturbances. INHALATION: possibly headache, nausea, respiratory irritations.

Medical Conditions Generally Aggravated by Exposure

EYES: conjunctivitis and prior irritation. SKIN: dermatitis and some burns. INGESTION: any gastrointestinal disorder including but not limited to ulcers and sore throat from colds or influenza infections. INHALATION: prior irritation.

Emergency and First Aid Procedures

EYE CONTACT; remove contact lenses, if worn; rinse eyes with water holding eyelid open. SKIN CONTACT; rinse skin with water. INGESTION: drink a large glass of water or milk, if any symptoms persist or exposure was severe CONTACT A PHYSICIAN IMMEDIATELY.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

CAUTION! COMBUSTIBLE! Contain spills such that material does not enter public waterways through storm sewers or landfill runoff. Remove sources of ignition.

Waste Disposal Method

Dilute, rinse water should be handled by a licensed treatment facility. Solid waste is preferably incinerated.

Precautions to Be Taken in Handling and Storing

As packaged, no special precautions are necessary for ordinary handling and storage.

Other Precautions

Spills into or leading to waterways that cause a sheen must be reported to the National Response Center, 800-424-8802.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

NIOSH approved organic vapor respirator

Ventilation

Local Exhaust NORMAL  Special EXPLOSION PROOF

Mechanical (General) NORMAL  Other N.A.

Protective Gloves

Rubber or neoprene Eye Protection Chemical goggles

Other Protective Clothing or Equipment

Protective coveralls recommended

Work/Hygienic Practices

Wash thoroughly before eating, smoking, etc.