Industrial Yellow Enamel

Section I
Manufacturer’s Name
KANSAS CORRECTIONAL INDUSTRIES
Emergency Telephone Number
CHEMTREX #800-424-9300
Address (Number; Street, City, State, and Zip Code)
KANSAS DEPARTMENT OF CORRECTIONS
Telephone Number for Information
913-727-3249

POST OFFICE BOX 2
Date Prepared
September 30, 1987

LANSING, KANSAS 66043
Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identify Information
Hazardous Components (Specific Chemical Identity. Common Name(s) OSHA PEL ACGIH TLV CAS % Optional
MINERAL SPIRITS 100 ppm 100 ppm 64742-88-7 <41
TITANIUM DIOXIDE, dust 15 mg/m³ 10 mg/m³ 13463-67-7 <2
CALCIUM CARBONATE, dust 15 mg/m³ 10 mg/m³ 1317-65-3 <11

Section III – Physical/Chemical Characteristics
Boiling Point 240°F
Specific Gravity (H₂O = 1) 1.0
Vapor Pressure (mm Hg.) <10 Melting Point N.A.
Vapor Density (AIR = 1) >1 Evaporation Rate (Butyl Acetate = 1) <1
Solubility in Water Insoluble
Appearance and Odor Yellow liquid; hydrocarbon odor

Section IV – Fire and Explosion Hazard Data
Flash Point (Method Used) 104°F TCC
Flammable Limits LEL UEL
1% 7%

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)

| Stable          | XXX |

Hazardous Decomposition or Byproducts

| Carbon monoxide, smoke, dust |

Hazardous Polymerization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat; sources of ignition</td>
<td></td>
</tr>
</tbody>
</table>

Section VI – Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
<td>YES</td>
<td>POSSIBLE</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

- 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.

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

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Mechanical (General)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORMAL</td>
<td>NORMAL</td>
</tr>
</tbody>
</table>

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. |