

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

EFE-1

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 12-18-0072

IDENTITY (As Used on Label and List)

Polyurethane Evergreen Floor Enamel

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

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

P.O. Box 2

Date Prepared:

February 14, 2011

Lansing, KS 66043

Signature of Preparer (optional):

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Names)

OSHA PEL

ACGIH TLV

CAS

% Optional

Mineral Spirits

100 ppm

100 ppm

8052-41-3

<35

Iron Oxide Yellow, dust

10 ppm

5 mg/m³TWA

51274-00-1

<7

Limestone, dust

15 mg/m³

10 mg/m³

1317-65-3

<11

(N.E. = Not Established)

Section III – Physical/Chemical Characteristics

Boiling Point:

240°F

Specific Gravity (H₂O = 1):

1.1

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:

Green liquid; hydrocarbon odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used):

100°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

Stability: Unstable Conditions to Avoid:
 Stable High heat and contact with strong oxidizing agents

Incompatibility (Materials to Avoid): Avoid contact with acids and oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide

Hazardous May Occur Conditions to Avoid:
Polymerization: Will Not Occur Heat; sources of ignition

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Possible

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, toxic lead and chromium effects; potential carcinogen.

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. INHALATION: Remove to fresh air.

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 Storage: 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 at 800-424-8802.

Section VIII – Control Measures

Respiratory Protection (Specify Type): Not generally required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated areas. If exceeding the exposure limits, use NIOSH/MSHA organic vapor respirator.

Ventilation: Local Exhaust: Normal Mechanical (General): Normal Special: Explosion Proof Other: N.A.

Protective Gloves: Chemical resistant, nitrile, neoprene or rubber required Eye Protection: Chemical goggles

Other Protective Clothing or Equipment: Wear protective clothing. Available eyewashes and safety showers recommended.

Work/Hygienic Practices: Wash hands before eating or using the restroom.

While Kansas Correctional Industries believes that the data presented is accurate and in good faith; Kansas Correctional Industries makes no guarantees of the completeness or reliability of the information. This information and product are furnished on the assumption that the user will make their own determination regarding this product suitability for their uses and follows the guidelines of Federal, State and local regulations.
