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.

PVAFB-1

IDENTITY (As Used on Label and List)

PVA Flat Black Interior

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

ETHYLENE GLYCOL, vapor 50 ppm 100 mg/m³ 107-21-1 <4

CARBON BLACK, dust 3.5 mg/m³ 3.5 mg/m³ 1333-86-4 <4

CALCIUM CARBONATE, dust 15 mg/m³ 3.5 mg/m³ 471-34-1 <20

Section III – Physical/Chemical Characteristics

Boiling Point 212°F

Specific Gravity (H₂O = 1) 1.3

Vapor Pressure (mm Hg.) <20

Melting Point N.A.

Vapor Density (AIR = 1) >1

Evaporation Rate (Butyl Acetate = 1) <1

Solubility in Water Dispersible

Appearance and Odor Opaque black liquid; slight acrylic odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 200°F TCC

Flammable Limits LEL UEL

N.A. N.A.

Extinguishing Media Water, foam and dry chemical extinguishing media may be used to neutralize fires involving this product.

Special Fire Fighting Procedures Firefighters must wear self-contained breathing apparatus with full facepiece operated in pressure demand or positive pressure mode. Avoid allowing run-off from fire control to contaminate public waterways. Use water to cool containers to prevent possible rupture.

Unusual Fire and Explosion Hazards Residues from incomplete burning of this material are minimally capable of supporting combustion. Dusts are not expected to be capable of forming explosive mixtures with air but normal precautions should be followed when clearing any fire debris.
Section V – Reactivity Data

Stability

Unstable

Keep containers closed when not in use.

Stable

XXX

Incompatibility (Materials to Avoid)

Avoid contact with organic solvents, acids and oxidizing agents

Hazardous Decomposition or Byproducts

Carbon monoxide, smoke, dust

Hazardous Polymerization

May Occur

Conditions to Avoid

Contact with acids

XXX

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, 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: conjunctivitus 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

Use absorbant. Contain spills such that material does not enter public waterways through storm sewers or landfill runoff. Use personal protective devices to avoid contact.

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

Organic vapors may accumulate in headspace of containers. Use caution when opening.

Other Precautions

This material may be harmful to aquatic life forms due to its glycol/preservative content.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

NIOSH approved organic vapor respirator

Ventilation

Local Exhaust NORMAL Special To keep Glycol below TLV

Mechanical (General) NORMAL Other N.A.

Protective Gloves

Rubber or equivalent Eye Protection Chemical goggles

Other Protective Clothing or Equipment

Eyewash station should be within direct access.

Work/Hygienic Practices

Wash thoroughly after handling. Launder contaminated clothing.