

# 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.

**IFRP-1**

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Intumescent Fire Retardant Paint

*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

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	Other Limits Recommended	% Optional
TITANIUM DIOXIDE, dust	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		~14
AMMONIUM POLYPHOSPHATE, dust	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		~14
CHLORINATED RESIN	n.e.	n.e.		<5
MELAMINE	n.e.	n.e.		<5

N.A. = not applicable or not available

n.e. = none established

## Section III – Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.2
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 WHITE LIQUID; SLIGHT ACRYLIC ODOR		

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
>200°F TCC		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 not 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.  
(Reproduce locally)

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**Section V – Reactivity Data**

Stability	Unstable	Conditions to Avoid
		KEEP CONTAINERS CLOSED WHEN NOT IN USE
	Stable	
	XXX	

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**Incompatibility (Materials to Avoid)**

ORGANIC SOLVENTS, ACIDS AND OXIDIZING AGENTS

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**Hazardous Decomposition or Byproducts**

CARBON MONOXIDE, SMOKE, DUST, NH<sub>3</sub>, HCl, H<sub>3</sub>PO<sub>4</sub>

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Hazardous	May Occur	Conditions to Avoid
Polymerization		CONTACTS WITH ACIDS, FREEZING
	Will Not Occur	
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**Section VI – Health Hazard Data**

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Route(s) of Entry	Inhalation? YES	Skin? YES	Ingestion? POSSIBLE
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**Health Hazards (Acute and Chronic)** EYES: Irritation and burning. SKIN: possible irritation, defatting and dermatitis. INGESTION: may cause gastrointestinal disturbances, nausea, and headache. INHALATION: irritation to the respiratory tract; effects like ingestion. Chronic effects from vapor exposure and irritation include ingestion and inhalation effects; primarily dermatitis from skin contact.

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Carcinogenicity:	NTP? NOT LISTED	IARC Monographs? NO	OSHA Regulated? NO
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**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: severe irritation, possibly coughing or sneezing.

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**Medical Conditions Generally Aggravated by Exposure:** EYES: conjunctivitis and prior irritation. SKIN: dermatitis; see ingestion. INGESTION: any gastrointestinal disorder; any blood, liver/kidney condition; sore throat from colds or influenza infections. INHALATION: any prior condition.

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**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 large amount of water. INHALATION: remove to fresh air. If exposure was severe CONTACT A PHYSICIAN IMMEDIATELY.

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**Section VII – Precautions for Safe Handling and Use**

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**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.

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**Waste Disposal Method** DILUTE, RINSE WATER SHOULD BE HANDLED BY A LICENSED TREATMENT FACILITY. SOLID WASTE IS PREFERABLY INCINERATED.

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**Precautions to Be Taken in Handling and Storing** AMMONIA VAPORS MAY ACCUMULATE IN HEAD SPACE OF CONTAINERS. USE CAUTION WHEN OPENING.

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**Other Precautions** THIS MATERIAL MAY BE HARMFUL TO AQUATIC LIFEFORMS DUE TO ITS ORGANIC CONTENT.

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**Section VIII – Control Measures**

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Respiratory Protection (Specify Type) NIOSH APPROVED ORGANIC VAPOR RESPIRATOR

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Ventilation	Local Exhaust	NORMAL	Special	NORMAL
	Mechanical (General)	NORMAL	Other	N.A.

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Protective Gloves	RUBBER OR EQUIVALENT	Eye Protection	CHEMICAL GOGGLES
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Other Protective Clothing Or Equipment EYEWASH STATION SHOULD BE WITHIN DIRECT ACCESS

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Work/Hygienic Practices WASH THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING.