

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.

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)
-29 WAX & ACRYLIC REMOVER (AMMONIATED)

None 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 CHEMTREC # 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)
SODIUM SILICATE, Na_2SiO_3	n.e.	n.e.	2 mg/m ³	-8
AMMONIA	25 ppm	25 ppm		-1

(n.e. = none established)

Section III — Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg)	<10	Melting Point	1.0
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N.A.
Solubility in Water			<1

COMPLETE

Appearance and Odor

MILKY LIQUID; AMMONIACAL ODOR WITH SLIGHT PINE SCENT

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) >200°F TCC	Flammable Limits	LEL M. A.	UEL M. A.
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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.

Small Fire and Explosion Hazards

Residue of this material can be caustic.
 respiratory, eye and skin protective devices as well as adequate

ventilation when cleaning up fire residues. Dusts might form explosive
 mixtures with air.

(Produce locally)

Section V — Reactivity Data

Stability	Unstable	Conditions to Avoid	PROLONGED CONTACT WITH ALUMINUM,
	Stable	XXX	ZINC, TIN AND CONTACT WITH ACIDS

Compatibility (Materials to Avoid) AVOID CONTACT WITH ACIDS AND OXIDIZING AGENTS

Hazardous Decomposition or Byproducts CAUSTIC SODA, CARBON MONOXIDE, NITROGEN COMPOUNDS

Hazardous Polymerization	May Occur	Conditions to Avoid	CONTACT WITH STRONG ACIDS
	Will Not Occur	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.

POSSIBLE GASTROINTESTINAL DISTURBANCES IF LARGE AMOUNTS ARE INGESTED. INHALATION: can cause severe irritation to the respiratory tract.

Chronic effects might result from continued overexposure and irritation of skin, eyes and the respiratory tract leading to infection.

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. INHALATION: possibly

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Medical Conditions EYES: conjunctivitis and corneal irritation. SKIN: any dermatitis and some burns. INHALATION: any respiratory condition.

Intentional disorder including but not limited to ulcers and sore throat from colds or influenza infections. INHALATION: any prior condition.

First Aid Procedures EYES: remove contact lenses, if worn, and flush with water for 15 minutes. SKIN: remove contaminated clothing and wash with soap and 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

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 AMMONIA VAPORS MAY ACCUMULATE IN HEAD SPACE OF CONTAINERS. USE CAUTION WHEN OPENING.

Other Precautions THIS MATERIAL MAY BE TOXIC TO AQUATIC LIFEFORMS DUE TO ITS SOMEWHAT BASIC NATURE.

Section VIII — Control Measures

Respiratory Protection (Specify Type) NIOSH APPROVED CAUSTIC/AMMONIA MIST RESPIRATOR

Ventilation	Local Exhaust	NORMAL	Special	TO KEEP NH ₃ 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. LAUNDRY CONTAMINATED CLOTHING