

MATERIAL SAFETY DATA SHEET

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Texas Correctional Industry

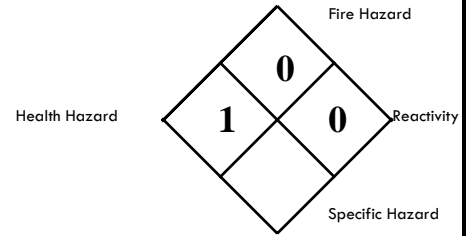
A division of the  
Texas Department of Criminal Justice

**Date Issued:** January 2008

**Supersedes:** November 2007

NFPA HAZARD RATING

- 4-** SERVE
- 3-** SERIOUS
- 2-** MODERATE
- 1-** SLIGHT
- 0-** INSIGNIFICANT



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Metal Polish  
**General Use:** Metal polishing compound  
**Manufacturer Name:** Texas Correctional Industry  
 Soap & Detergent Plant  
 One Circle Drive  
 Sugar Land, Texas 77478

**Emergency Telephone Numbers**  
 Galveston Texas Poison Control: **1-800-764-7661**  
 Soap & Detergent Plant Lab: 281-490-1111  
 MSDS available at: [www.tci.tdcj.state.tx.us](http://www.tci.tdcj.state.tx.us)  
 Monday thru Thursday: 7 a.m. - 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA		WHMIS
			TWA	PEL	
Amorphous silica (pumice)	60676-86-0	25 - 30	0.1 mg/m <sup>3</sup>	N/D	N/A
Isopar M Naphtha	64742-47-8	8-10	1200 mg/m <sup>3</sup>	N/D	N/D
Ammonium hydroxide*	1336-21-6	1 - 2	25 ppm	35 ppm	1%

N/A= Not Applicable                      N/D = Not Determined

\*Listed CERCLA RQ = 1000 lbs.  
 WHMIS – minimum amount necessary in a mixture to trigger reporting: 1% (hazardous chemical); 0.1% (extremely hazardous chemical)

SECTION 3 - PHYSICAL PROPERTIES

Specific Gravity (water = 1) : 1.020  
 Solubility in Water : Emulsion; pumice not soluble  
 pH : 9 - 9.5  
 Boiling Point : > 200° F  
 Appearance and Odor : Off white emulsion with a slight ammonia odor

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.) : Nonflammable; >200° F  
 Flammable Limit : N/A  
 Physical Hazard : None  
 Extinguishing Media : Water, Foam, Dry Chemicals, or Carbon Dioxide  
 Fire Extinguishing Procedure : Use of respiratory equipment is recommended in enclosed areas  
 Fire and Explosive Hazard : None

Metal Polish, PU-SAS, Issue Date: January 2008

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## SECTION 5 - REACTIVE DATA

Hazardous Decomposition : Oxides of carbon and nitrogen  
 Stability : Stable  
 Incompatibility : Strong acids, chlorinated chemicals, bleaches, or any oxidizing agents

Hazardous Decomposition Products:

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## SECTION 6 - HEALTH HAZARD

Primary Route of Exposure : Eyes, Skin, Oral or Inhalation  
 Signs and Symptoms of Over Exposure (acute)  
 Eyes : Eye irritant with an abrasive; may cause irreversible eye damage. Do not exposure or allow contact with your eyes.  
 Skin : Can cause redness, and rash  
 Ingestion : May cause gastrointestinal irritation  
 Inhalation : May cause irritation to the respiratory tract

Signs and Symptoms of Over Exposure (chronic) : Eye and skin irritation  
 Medical condition aggravated by over exposure : Not known  
 Carcinogen or suspect of carcinogen ingredients : None

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## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes : Flush with plenty of water for at least 15 min. If irritation persists, seek medical attention.  
 Skin : Flush with a large amount of water for 15 – 20 minutes. Wash skin area with soap and water if any residual persists.  
 Ingestion : Rinse mouth thoroughly, drink plenty of water. Do not induce vomiting unless directed by physician.  
 Inhalation : Move patient to fresh air. Give artificial resuscitation (CPR) if patient is not breathing.

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## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection : None required with normal use.  
 Ventilation Requirement : Local exhaust. Maintain adequate ventilation.  
 Protective Gloves : Yes. Rubber or neoprene.  
 Eye Protection : Use chemical goggles.

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## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled : Collect and contain all materials practical for salvage or disposal. Rinse residue with copious amounts of water.  
 Waste disposal method : Any unsalvageable material must be disposed in compliance with local, state, and federal laws and regulations. Do not dump into sewers, on the ground, or into any bodies of water.

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## SECTION 10 - STORAGE AND HANDLING

Store in a cool, dry ventilated area. **IMPORTANT!** Product use is not recommended until this Material Safety Data Sheet has been read and understood.