

HUDSON

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 11/27/2002

MSDS No: AO

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Aluminum Oxide Abrasive Discs, Strips, Rolls, Sheets and Belts**MANUFACTURER**

Hudson Supply Company
 4500 Lee Rd
 Cleveland, OH 44128-2959
Customer Service: (800) 486-0480

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
Emergency Phone: (800) 424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Phenol Formaldehyde Resin	6 - 35	903-35-4
Cotton backing	15 - 75	
Aluminum Oxide	20 - 60	1344-28-1
Calcium Fluoride	1 - 5	14542-23-5

COMPONENTS :

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>EXPOSURE LIMITS</u>	
		<u>ACGIH TLV</u>	<u>Supplier</u>
Phenol Formaldehyde Resin			
Cotton backing			
Aluminum Oxide	15 mg/m ³	10 mg/m ³ total dust	

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** May cause significant irritation to the eyes.**SKIN:** May cause significant irritation to the skin.**INHALATION:** May cause significant irritation to the lungs, upper respiratory tract and nose.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Redness and possible itching and/or tearing of the eyes.**SKIN:** Redness and/or itching of the skin**INHALATION:** Possible coughing, burning, tightness of chest and/or shortness of breath.

SUBCHRONIC/CHRONIC TOXICITY**CARCINOGENICITY:** Not Listed by NTP

Not listed by IARC

Not listed by OSHA

MEDICAL CONDITIONS AGGRAVATED: Pulmonary disorders, skin or eye disorders.

4. FIRST AID MEASURES**EYES:** Flush with water, lifting upper and lower lids.**SKIN:** Wash thoroughly with soap and water.

5. FIRE FIGHTING MEASURES**FLASHPOINT AND METHOD:** Not Applicable**FLAMMABLE LIMITS:** NA to NA**EXTINGUISHING MEDIA:** Water, foam, dry chemical, carbon dioxide.**FIRE FIGHTING PROCEDURES:** Backings and cured resins will burn or decompose. Use respiratory protection.

6. ACCIDENTAL RELEASE MEASURES**SMALL SPILL:** Ordinary precautions for dust and particulates.

7. HANDLING AND STORAGE**HANDLING:** Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS:** If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m³ for inhalable particles and 3 mg/m³ for respirable.**PERSONAL PROTECTION****EYES AND FACE:** Wear safety glasses while sanding or grinding. OSHA 29 CFR 1910.133.**SKIN:** Wear gloves to prevent abrasion and/or skin irritation.**RESPIRATORY:** If airborne dust is present, use a NIOSH approved particulate respirator.**WORK HYGIENIC PRACTICES:** Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Cloth coated with abrasive particles which are bonded with resin binder

pH: Not Applicable

PERCENT VOLATILE: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

SOLUBILITY IN WATER: Not Applicable

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: Not Applicable

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: NA = Not Applicable

11. TOXICOLOGICAL INFORMATION

COMMENTS: NA = Not Applicable

12. ECOLOGICAL INFORMATION

COMMENTS: NA = Not Applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In compliance with Federal, State and local regulations for landfills.

PRODUCT DISPOSAL: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

14. TRANSPORT INFORMATION

COMMENTS: NA = Not Applicable

15. REGULATORY INFORMATION

COMMENTS: NA = Not Applicable

16. OTHER INFORMATION

APPROVED BY: David C. Dillon **TITLE:** Systems Administrator

APPROVAL DATE: 11/27/2002

REVISION SUMMARY New MSDS

NFPA CODES

FIRE: 0 **HEALTH:** 1 **REACTIVITY:** 0

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.