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MERIT ABRASIVE PRODUCTS, INC.

MATERIAL SAFETY DATA SHEET

SECTION I NAME AND PRODUCT							
MANUFACTURER'S NAME Merit Abrasive Products, Inc.						CONTACT Tech. Dept.	
ADDRESS (CITY, STATE AND ZIP CODE) 201 W. Manville St., Compton, CA 90224						EMERGENCY TELEPHONE NO. (213) 774-6650	
TRADE NAME, COMMON NAME OR SPECIFICATION GRIND-O-FLEX, MINI GRIND-O-FLEX						APPROVED BY <i>John H. Sargent</i> DATE 6-16-86	
CHEMICAL FAMILY OR PRODUCT TYPE Aluminum Oxide coated cloth, Resin binder flap wheels							
SECTION II COMPOSITION							
CHEMICAL NAME	%	COMMON NAME	REG* (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCIN- OGEN (Y/N)
Aluminum Oxide	60	Alpha Alumina	Y	1349-26-1	15mc/M3	10mc/M3	N
a12 03					(Total Dust)		
Cloth & Binder	40						

*Maximums are required by OSHA 29 CFR 1910.1200 Hazard Communication Standard.

SECTION III PHYSICAL AND CHEMICAL DATA			
BOILING POINT	N/A	MELTING POINT	N/A
VAPOR PRESSURE	N/A	PERCENT VOLATILE BY VOL	N/A
EVAPORATION RATE	N/A	SOLUBILITY IN WATER	N/A
SOLUBILITY IN OTHER SOLVENT	N/A	APPEARANCE AND ODOR Cloth coated with abrasive material	
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT	N/A	METHOD USED	N/A
EXTINGUISHING MEDIA	N/A	FLAMMABLE LIMITS	N/A
SPECIAL FIRE FIGHTING PROCEDURE <i>Backing & Resin binder will burn & decompose - use respirating equipment</i>			
EXPLOSION POTENTIAL	N/A		
SECTION V HEALTH, FIRST AID AND MEDICAL DATA			
PRIMARY ROUTES OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE		FIRST AID AND MEDICAL INFORMATION
INHALATION During Use	ACUTE - May cause cough, shortness of breath (dust) CHRONIC May affect breathing capacity		Remove to fresh air; apply artificial respiration as needed; obtain 1st or medical assistance as needed.
INGESTION	(Dust) No known adverse effects but ingestion is not recommended.		Obtain first aid or medical assistance as needed.
SKIN CONTACT & ABSORPTION	Not absorbed through skin; may cause abrasions		Obtain first aid or medical assistance as needed
EYE	Dust may irritate eyes		Wash with large amounts of water Obtain first aid or med. assist.
OTHER POTENTIAL HEALTH RISKS	During use on some materials, elevated sound levels may affect hearing		Obtain medical assistance

SECTION VI CORROSIVITY AND REACTIVITY DATA

STABILITY UNSTABLE ☐ STABLE ☒ POLYMERIZATION MAY OCCUR ☐ WILL NOT OCCUR ☒
 INCOMPATIBILITY (MATERIALS TO AVOID)

N/A

DECOMPOSITION PRODUCTS In use, dust and decomposing resin fumes are generated; in most cases, the material removed from the workpiece will be significantly greater than the coated abrasive particles.

CONDITIONS TO BE AVOIDED

N/A

SECTION VII STORAGE HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING

Handle with adequate ventilation - OSHA 29 CFR 1910.94 (Ventilation) and OSHA 29 CFR 1910.1000 (Air Contaminants)

NORMAL USE

Handle with adequate ventilation; OSHA 29 CFR 1910.94 (Ventilation); OSHA 29 CFR 1910.213 (Sanding Machines)

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS

Normal Clean up procedures.

WASTE DISPOSAL METHOD

Standard landfill - consistent with Federal, State and Local regulations.

SECTION VIII PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) As needed OSHA 29 CFR 1910.134

VENTILATION	LOCAL	Recommended
	MECHANICAL (GENERAL)	Recommended
	OTHER	N/A

PROTECTIVE GLOVES As desired by user

EYE PROTECTION Recommended OSHA 29 CFR 1910.133

OTHER EQUIPMENT Hearing protection: OSHA 29 CFR 1910.215

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:

SEE SECTION VI, VII, VIII

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Slight odor of formaldehyde or phenolic resin may be released on occasion during storage.

OTHER PRECAUTIONS N/A

FOR COMPANY USE

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof, however, MERIT ABRASIVE PRODUCTS, INC. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

NAIF—NO APPLICABLE INFORMATION FOUND

N/A—NOT APPLICABLE