

MATERIAL SAFETY DATA SHEET (MSDS)

Please retain for your records.

4A172 THRU 4A199
MERIT ABRASIVE PRODUCTS, INC.
THRU 4A212
AL SAFETY DATA SHEET

SECTION I NAME AND PRODUCT

MANUFACTURER'S NAME
Merit Abrasive Products, Inc.

ADDRESS (CITY, STATE AND ZIP CODE)
201 W. Manville St., Compton, CA 90224

TRADE NAME, COMMON NAME OR SPECIFICATION
Aluminum Oxide coated cloth, Resin
binder flap wheels

SECTION II COMPOSITION

OSHA CHEMICAL NAME (Y/N)	%	CARCIN- COMMON NAME EXPOSURE LIMIT	REG*	CAS	PERMISSIVE
Aluminum Oxide	60	Alpha Alumina	Y	1349-28-1	15mg/M3 (Total Dust)
A12 03 Cloth & Binder	40				

CHEMICAL NAME TLV (Y/N)	ACGIH	OGEN
Aluminum Oxide Cloth & Binder	10mg/M3	N

*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
SPECIFIC GRAVITY	N/A		
VAPOR DENSITY	N/A		
SOLUBILITY IN ALCOHOL	N/A		

SOLUBILITY IN OTHER SOLVENT	APPEARANCE AND ODOR
N/A	Cloth coated with abrasive material

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	N/A	(METHOD USED)	N/A	FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA	N/A				
SPECIAL FIRE FIGHTING PROCEDURE	Backing & Resin binder will burn & decompose - use respirating equipment				
EXPLOSION POTENTIAL	N/A				

SECTION V HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTES	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE
INHALATION	ACUTE - May cause cough, shortness of breath (dust)
During Use	CHRONIC May affect breathing capacity (Dust) No known adverse effects but ingestion is not recommended.
SKIN	CONTACT & abrasions Not absorbed through skin; may cause
SKIN	absorption Dust may irritate eyes
EYE	During use on some materials, evaluated sound levels may affect hearing
OTHER POTENTIAL HEALTH RISKS	

PRIMARY ROUTES OF ENTRY	FIRST AID AND MEDICAL INFORMATION
INHALATION	Remove to fresh air; apply artificial respiration as needed; obtain 1st aid
During Use	Obtain first aid or medical assistance as needed.
INGESTION	Obtain first aid or medical assistance as needed.
SKIN	CONTACT & abrasions Obtain first aid or medical assistance as needed.
SKIN	absorption Wash with large amounts of water.
EYE	Obtain first aid or med. assist.
OTHER POTENTIAL HEALTH RISKS	Obtain medical assistance

SECTION VI CORROSIVITY AND REACTIVITY DATA

STABILITY	INSTABLE	STABLE	X	POLYMERIZATION	MAY OCCUR
WILL NOT OCCUR	X				
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.

DISPOSAL METHOD
and 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 HALF

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.

N/A - NO APPLICABLE INFORMATION FOUND N/A - NOT APPLICABLE