

MET086



NCA 16 812

Flammability Rating		Reactivity Rating	
Health Rating	1	0	0
HAZARD RATING Please rate consistent with NFPA code			

MATERIAL SAFETY DATA SHEET

SECTION I NAME AND PRODUCT	
MANUFACTURER'S NAME NORTON COMPANY	CONTACT SAFETY DEPT.
ADDRESS (STREET, CITY, STATE AND ZIP CODE) P.O. BOX 808, TROY, NY 12180	EMERGENCY TELEPHONE NO. 518-273-0100
TRADE NAME, COMMON NAME OR SPECIFICATION COATED ABRASIVE PRODUCT - METALITE R228 & R215	APPROVED BY J.J. McG DATE 5-1-86
CHEMICAL FAMILY OR PRODUCT TYPE Alumina Oxide & Resin Binder	

SECTION II COMPOSITION							
CHEMICAL NAME	%	COMMON NAME	REG.* (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN* (Y/N)
Aluminum Oxide (Al ₂ O ₃)	60	Alpha Alumina	Y	1349-28-1	15mg/M ³ (Total Dust)	10mg/M ³	N

* Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication Standard, and/or the Massachusetts General Law Chapter 111F, Right To Know Regulations

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	LEL N/A UEL N/A
SPECIAL FIRE FIGHTING PROCEDURES	Backings & Resin Binder will burn or decompose, use respiratory protection		
EXPLOSION POTENTIAL	N/A		

SECTION V HEALTH, FIRST AID AND MEDICAL DATA		
PRIMARY ROUTE(S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION (During Use)	Acute -May cause coughing, shortness (Dust) of breath Chronic -May effect breathing capacity (Dust)	Remove to fresh air apply artificial respiration as needed. Obtain First Aid or Medical assistance
INGESTION	No known adverse effects, but ingestion not recommended	Obtain First Aid or Medical assistance, if needed
SKIN CONTACT & ABSORPTION	Not absorbed through skin; may cause abrasions	Obtain First Aid or Medical assistance, if needed
EYE	Dust may irritate eyes	Wash with large amounts of water Obtain First Aid or Medical assistance, if needed
OTHER POTENTIAL HEALTH RISKS	During use on some materials elevated sound levels may be created which affect hearing	Obtain Medical assistance

APPROVED BY John M. McLaughlin

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SECTION VI CORROSIVITY AND REACTIVITY DATA	
STABILITY UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	POLYMERIZATION MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>
INCOMPATIBILITY (MATERIALS TO AVOID)	
N/A	
DECOMPOSITION PRODUCTS	
In use dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly greater than the coated abrasive product components	
CONDITIONS TO BE AVOIDED	
N/A	

SECTION VII STORAGE, HANDLING AND USE PROCEDURES	
NORMAL STORAGE AND HANDLING	
Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates)	
NORMAL USE	
Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates), OSHA CFR1910.213(P) Sanding Machines and OSHA CFR1910.243(a) (3) Portable Belt Sanding Machines	
STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS	
Normal clean up procedures	
WASTE DISPOSAL METHOD	
Standard landfill methods consistent with applicable Federal, State & Local Laws	

SECTION VIII PERSONAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION (SPECIFY TYPE) <u>As needed, approved dust respirator OSHA 24 CFR1910-134</u>	
VENTILATION	LOCAL <u>Recommended</u>
	MECHANICAL (GENERAL) <u>Recommended</u>
	OTHER <u>NAIF</u>
PROTECTIVE GLOVES <u>As desired by user</u>	
EYE PROTECTION <u>Recommend-OSHA 29CFR1910.133 (Face & Eye Protection)</u>	
OTHER EQUIPMENT <u>As needed, hearing protection-OSHA 29CFR1910.215 (Hearing Protection)</u>	
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL	
See Sections VI, VII, VIII	

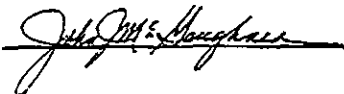
SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	A Formaldehyde or Phenolic Resin odor from the binding system may on occasion be released during storage.
OTHER PRECAUTIONS	N/A

FOR COMPANY USE	
The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Norton Company 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

APPROVED BY



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