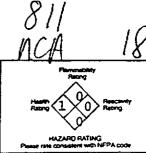
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MATERIAL SAFETY DATA SHEET



						Please rate consistent with f	#FPA code
		SECTION! NAM	E AND F	RODUCT			
MANUFACTURER'S NAME NORTON COMPANY	CONTAC	CONTACT SAFETY DEPT.					
ADDRESS (STREET, CITY, STATE AND ZIP	EMERGI	EMERGENCY TELEPHONE NO					
P.O. BOX 808, TROY, NY 12180						518-273-0100	
TRADE NAME, COMMON NAME OR SPECIFICATION						APPROVED BY J.J. McG DATE 5-1-86	
COATED ABRASIVE PRODUCT - METALITE R281 ,					DATE	3-1-00	
CHEMICAL FAMILY OR PRODUCT TYPE	Alum	nina Oxide & Resi	n Bind	ler			
		SECTION II	COMPOS	SITION			
CHEMICAL NAME	72	CDMMON NAME	REG.*	CAS #	OSHA PERMISSIVE EXPOSURE LIMI	ACGIH T TLV	CARCIN- OGEN* (Y/N)
Aluminum Oxide	60	Alpha Alumina	Y	1349-28-1	15mg/M	10mg/M ³	N
(A1 ₂ 0 ₃)			-		(Total Du	st)	+
			1 7				
			+				
	- -		+				
			1		T		

* 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 PHYSICA	L AND CHEMICAL	L DATA		
BOILING POINT	N/A	MELTING POINT	N/A	SPECIFIC GRAVITY	N/A	
VAPOR PRESSURE	N/A	PERCENT VOLATILE BY VO	L N/A	VAPOR DENSITY	N/A	
EVAPORATION RATE	N/A	SOLUBILITY IN WATER	N/A	SOLUBILITY IN ALCOHOL	- N/A	
SOLUBILITY IN OTHER SOLVENT			APPEARANCE AND O	DOR		
	N/A		Cloth C	oated with Abrasiv	re Materi <u>al</u>	
		SECTION IV FIRE AND I	EXPLOSION HAZA	RD DATA		
FLASH POINT	N/A	(METHOD USED)	N/A	FLAMMABLE LIMITS	LEL N/A UEL N/A	
EXTINGUISHING MEDIA	N/A					
SPECIAL FIRE FIGHTING PROCES	NURES Back	cings & Resin Bind	er will burn	or decompose, use	respiratory	
EXPLOSION POTENTIAL	N/A				protection	
	s	ECTION V HEALTH, FIR	ST AID AND MEDI	CAL DATA		
PRIMARY ROUTE(S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE			FIRST AID AND MEDICAL INFORMATION		
INHALATION	Acute -N	fay cause coughing	Remove to fresh	Remove to fresh air apply arti-		
(During Use)		of breath	fical respirati	fical respiration as needed. Obta		
(, = , = , ,	Chronic	-May effect breat	hing capacit	y First Aid or Me	dical assistance	
INGESTION	(Dust) 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		
DTHER POTENTIAL HEALTH RISKS	elevated	use on some materi d sound levels may which affect hear	be	Obtain Medical assistance		

APPROVED BY Jeho JM & Shoughair

SECTION VI CORROSIVITY AND REACTIVITY DATA

STABILITY UNSTABLE STABLE ST

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, HANOLING 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

RESPIRATORY PR	IDTECTION (SPECI	FY TYPE)	As needed, approved dust respirator OSHA 24 CFR1910-134
VENTILATION	LOCAL		Recommended
	MECHANICAL (GENERAL)		Recommended
	OTHER		NAIF
PROTECTIVE GLO	OVES		As desired by user
EYE PROTECTION	4		Recommend-OSHA 29CFR1910.133 (Face & Eye Protection)
OTHER EQUIPME	NT	As needed	hearing protection-OSHA 29CFR1910.215 (Hearing Protection)

See Sections VI, VII, VIII

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
OTHER PRECAUTIONS
N/A

A Formaldehyde or Phenolic Resin odor from the binding system may on occasion be released during storage.

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=ND APPLICABLE INFORMATION FOUND

""N/A=NOT APPLICABLE

PROVED BY John Manghan

Form 4961A Rev 5/84