OM0201



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MATERIAL SAFETY DATA SHEET

HAZARD RATING Platter consignant with NFPA code

		_						Please rate constraint with N	
			SECTION I NAM	E AND	PRODUCT				
MANUFACTURERS NAME NORTON COMPA	NY				<u> </u>		CONTACT	AFETY DEPT.	
ADDRESS (STREET, CITY, STATE							- SUCDOCK	CY TELEPHONE NO.	
P.O. BOX 808		-	12180				1	18-273-0100	
TRADE NAME COMMON NAME	OR SPECIFIC	ATION					APPROVE	DBY J.J. Mc	 }
COATED ABRAS	IVE PROD	DUCT	- NorZon R824	•			OATE	5-1-86	
CHEMICAL FAMILY OR PRODUCT	T TYPE	Alu	mina-Zirconia Oxi	de &	Resin Bind	der			
<u> </u>		.	SECTION II C	OMPO	SITION		- <u></u>		<u>.,</u>
CHEMICAL NAME		7	COMMON NAME	REG.* (Y/N)	CAS	EX	OSHA PERMISSIVE POSURE LIMAT		CARCIN- OGEN* (Y/N)
Aluminum Oxic	de	60	Alpha Alumina	Y	1349-28-		15mg/M	10mg/M	N
(A1203)				$\begin{bmatrix} - \\ - \end{bmatrix}$			(Total Du	st)	
			71	 ; -	1314-23-		<u></u>	5	
Zirconia Oxio (Zr0 ₂)	ae	40	Zirconia	Y	1514-23-		5mg/M (As Zr)	5mg/M (As Zr)	<u>N</u>
<u> </u>		╂──┼		┼╌┥			(AS 61)	(AS 61)	<u> </u>
		<u>{</u> −−	<u> </u>	┟──┤					1
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·									<u> </u>
Materials are regulated by OSHA 2	29 CFR 1910.12	200, Ha	SECTION III PHYSICAL					ht To Know Regulation	
BOILING POINT	N/A		MELTING POINT		N/A	· · · · · · · · · · · · · · · · · · ·	GRAVITY	N/A	
VAPOR PRESSURE	N/A		PERCENT VOLATILE BY VOL		N/A	VAPOR D	ENSITY	N/A	
EVAPORATION RATE	N/A		SOLUBILITY IN WATER		N/A	SOLUBIL	ITY IN ALCOHO	L N/A	
SOLUBILITY IN OTHER SOLVENT	N/A		/'		NCEAND ODOR Cloth Coat		th Abrasi	ve Material	
		SE	ECTION IV FIRE AND E	PLOS	ON HAZARD	DATA			
FLASH POINT	N/A	(METHOD USED)						
			METHOD 03ED1		N/A		MMABLE LIMIT	S LEL N/A UE	L N/A
	N/A					FLA			
SPECIAL FIRE FIGHTING PROCES	DURES	Bacl	cings & Resin Bind			FLA		se respirato	ory
SPECIAL FIRE FIGHTING PROCES			cings & Resin Bind	ler w	ill burn o	FLA or deco			ory
SPECIAL FIRE FIGHTING PROCES	DURES N/A	SE	cings & Resin Bind	ler w	ill burn o	FLA Dr deco DATA	mpose, u	se respirato	ory
SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S)	ACUTE AND	SE D CHR	CTION V HEALTH, FIRS ONIC HEALTH EFFECTS OVEREXPOSURE	ier w. TAID <i>I</i>	111 burn o	DI de co DATA FIRST AI MEDICAL	DAND INFORMATION	se respirato protec	ory tion
SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S) OF ENTRY INHALATION	ACUTE AND ACUTE AND AND EFFEC Acute	SEC D CHRIC CTS OF	CTION V HEALTH, FIRS DNIC HEALTH STEETS OVEREXPOSURE BY cause coughing.	ier w. TAID <i>I</i>	Ill burn o	DATA FIRST AL MEDICAL Remove	DAND INFORMATION to fres	se respirato protec h air apply	ery tion arti-
EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S) OF ENTRY INHALATION (During Use)	ACUTE AND ACUTE AND AND EFFEC Acute (Dust Chron	SEC D CHR CTS OF -Ma CTS OF	CTION V HEALTH, FIRS ONIC HEALTH EFFECTS OVEREXPOSURE	ier w TAID/ , sho	III burn o	DATA FIRST AI MEDICAL Remove fical	DAND INFORMATION to fres respirat	se respirato protec	arti-
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SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROUTE(S) OF ENTRY INHALATION (During Use)	ACUTE AND ACUTE AND AND EFFEC Acute (Dust Chrou (Dust No km	SEC D CHRC TTS OF -Ma :) of nic -	CTION V HEALTH, FIRS ONIC HEALTH SFECTS OVEREXPOSURE ay cause coughing. E breath	ler w TAIDA , sho	Ill burn of AND MEDICAL	FLA Dr de co DATA FIRST AU MEDICAL Remove fical First Obtain	DAND INFORMATION to fres respirat Aid or M	se respirato protect h air apply ion as neede edical assis id or Medica	arti- d.Obtastance
SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S) OF ENTRY INHALATION (During Use) INGESTION	ACUTE AND ACUTE AND AND EFFEC Acute (Dust Chron (Dust No kn inges	SEC D CHRC CTS OF -Ma :) of nic - :) c) nown stion	CTION V HEALTH, FIRS ONIC HEALTH EFFECTS OVEREXPOSURE By cause coughing. If breath -May effect breath adverse effects, a not recommended	ier w TAIDA , sho ning but	Ill burn of AND MEDICAL	FLA Dr de co DATA FIRST AU MEDICAL Remove fical First Obtain assist	DAND INFORMATION to fres respirat Aid or M First A tance, if	se respirato protect h air apply ion as neede edical assis id or Medica needed	arti- ed.Obta stance
SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S) OF ENTRY INHALATION (During Use) INGESTION	ACUTE AND ACUTE AND ACUTE AND AND EFFEC Acute (Dust Chron (Dust No kn inges Not a	SEC D CHRC CTS OF -Ma :) of nic - :) - nown stion	CTION V HEALTH, FIRS OVEREXPOSURE ay cause coughing. breath -May effect breath adverse effects,	ier w TAIDA , sho ning but	Ill burn of AND MEDICAL TIMESS Capacity	FLA DI de co DATA FIRST AN MEDICAL Remove fical First Obtain assist Obtain	DAND INFORMATION to fres respirat Aid or M First A tance, if	se respirato protect h air apply ion as neede edical assis id or Medica needed id or Medica	arti- ed.Obta stance
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SPECIAL FIRE FIGHTING PROCES EXPLOSION POTENTIAL PRIMARY ROLITE(S) OF ENTRY INHALATION (During Use) INGESTION SKIN CONTACT & ABSORPTION EYE	DURES N/A ACUTE AND AND EFFEC Acute (Dust Chron (Dust No kn inges Not a may c Dust	SEC DCHRCTS OF TTS OF DCHRCTS OF Price-Main Stio	cings & Resin Bin CTION V HEALTH, FIRS ONECHEALTH EFFECTS OVEREXPOSURE By cause coughing. If breath May effect breath adverse effects, n not recommended thed through sking abrasions	ier w. TAIDA , sho ning but	Ill burn of AND MEDICAL	FLA DI de co DATA FIRST AN MEDICAL Remove fical First Obtain assist Wash to Obtain assist	mpose, u DAND INFORMATION to fres respirat Aid or M First A tance, if First A tance, if First A tance, if	se respirato protect h air apply ion as neede edical assis id or Medica needed id or Medica needed e amounts of id or Medica	arti- arti- d.Obta stance

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			POLYMERIZATION	MAY OCCUR C	WILL NOT OCCUR
		<u> </u>			
INCOMPATIBILI	ITY (MATERIALS TO AVOID)				
		N/A			
DECOMPOSITIC	ON PRODUCTS				· · · · · · · · · · · · · · · · · · ·
	In	use dust and	decomposing resin	system fumes	s are generated. In most
	cases, the mate	rial removed	from the work piec	e will be st	Ignificantly greater than
	the coated abra	sive product	components		
CONDITIONS TO	O BE AVOIDED		·		
		N/A			
			•		
		ECTION VII STOP	RAGE, HANDLING AND US	ROCEDURES)
NORMAL STOR	AGE AND HANDLING		ation. See OSHA 29		(Ventilation) and
	Handle with ade	duate ventila	ation. See OSHA 23	SER1720.74	(Tentilation) and
	OSHA 29CFR1910.	1000 (AIF COR	ntaminates/		
NORMAL USE	Handle with ade	quate ventila	ation. See OSHA 29	CFR1910.94	(Ventilation) and
NORMAL USE	OSHA 29CFR1910.	1000 (Air Cor	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
NORMAL USE	OSHA 29CFR1910.	1000 (Air Cor	ation. See OSHA 29 ntaminates), OSHA C Portable Belt Sand	FR1910.213(H	?) Sanding Machines
	OSHA 29CFR1910. and OSHA CFR191	1000 (Air Cor 0.243(a) (3)	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OF 1	1000 (Air Cor 0.243(a) (3) SPILLS	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
	OSHA 29CFR1910. and OSHA CFR191	1000 (Air Cor 0.243(a) (3) SPILLS	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OF 1	1000 (Air Cor 0.243(a) (3) SPILLS	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
NORMAL USE STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OF Normal clean up	1000 (Air Cor 0.243(a) (3) SPILLS	ntaminates), OSHA C	FR1910.213(H	?) Sanding Machines
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up	1000 (Air Cor 0.243(a) (3) SPULS procedures	ntaminates), OSHA C Portable Belt Sand	FR1910.213(F	?) Sanding Machines
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up	1000 (Air Cor 0.243(a) (3) SPULS procedures	ntaminates), OSHA C Portable Belt Sand	FR1910.213(F	?) Sanding Machines
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up	1000 (Air Cor 0.243(a) (3) SPULS procedures	ntaminates), OSHA C Portable Belt Sand	FR1910.213(F	?) Sanding Machines
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co	ntaminates), OSHA C Portable Belt Sand	FR1910.213(H Ing Machines Lcable Feder	?) Sanding Machines
STEPS TO BE T	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR : Normal clean up AL METHOD Standard landfi	1000 (Air Cor 0.243(a) (3) SPILLS procedures 11 methods co SECTION VIII P	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION H	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR Normal clean up SAL METHOD Standard landfi	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P As needs	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE T	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR Normal clean up SAL METHOD Standard landfi PROTECTION (SPECIFY TYPE) LOCAL	1000 (Air Cor 0.243(a) (3) SPILLS procedures 11 methods co SECTION VIII P	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR Normal clean up SAL METHOD Standard landfi	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P As needs	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r nded	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR Normal clean up SAL METHOD Standard landff PROTECTION (SPECIFY TYPE) LOCAL MECHANICAL	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P <u>As needs</u> Recommen	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r nded	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR : Normal clean up SAL METHOD Standard landfi PROTECTION (SPECIFY TYPE) LOCAL MECHANICAL (GENERAL)	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P As needs Recomment Recomment	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r nded	FR1910.213(H Ing Machines Lcable Feder FORMATION	?) Sanding Machines 5 ral, State & Local Laws
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR Normal clean up SAL METHOD Standard landfi PROTECTION (SPECIFY TYPE) LOCAL MECHANICAL (GENERAL) OTHER	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P As needs Recommen Recommen NAIF	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IN ed, approved dust r nded nded	FR1910.213(H Ing Machines Lcable Feder FORMATION espirator 0	?) Sanding Machines 5 ral, State & Local Laws 5 SHA 24 CFR1910-134
STEPS TO BE TA	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up AL METHOD Standard landff PROTECTION (SPECIFY TYPE) LOCAL MECHANICAL (GENERAL) OTHER	1000 (Air Cor 0.243(a) (3) SPILLS procedures 11 methods co SECTION VIII P As needs Recommen NAIF As desig Recommen	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IF ed, approved dust r nded nded red by user nd-OSHA 29CFR1910.1	FR1910.213(H Ing Machines Lcable Feder FORMATION Espirator 05	<pre>?) Sanding Machines s ral, State & Local Laws SHA 24 CFR1910-134 Eye Protection)</pre>
STEPS TO BE TA WASTE DISPOSA RESPIRATORY F VENTILATION PROTECTIVE GI EYE PROTECTIVE GI	OSHA 29CFR1910. and OSHA CFR191 AKEN IN CASE OF LEAKS OR S Normal clean up SAL METHOD Standard landff PROTECTION (SPECIFY TYPE) LOCAL MECHANICAL (GENERAL) OTHER SLOVES ON MENT As ne	1000 (Air Cor 0.243(a) (3) SPULS procedures 11 methods co SECTION VIII P As needs Recommen NAIF As desin Recommen	ntaminates), OSHA C Portable Belt Sand onsistent with appl PERSONAL PROTECTION IF ed, approved dust r nded nded red by user nd-OSHA 29CFR1910.1	FR1910.213(H Ing Machines Lcable Feder FORMATION espirator 05 33 (Face & 1 905FR1910.215	<pre>?) Sanding Machines 3 ral, State & Local Laws SHA 24 CFR1910-134 Eye Protection) 5 (Hearing Protection)</pre>

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

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***N/A=NOT APPLICABLE APPROVED BY -

the Mr. Soughas