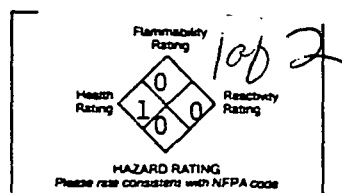


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MATERIAL SAFETY DATA SHEET

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 - TUFBAK DURITE T421	APPROVED BY J.J. McG. DATE 5-1-86
CHEMICAL FAMILY OR PRODUCT TYPE Silicon Carbide & Resin Binder	

SECTION II COMPOSITION							
CHEMICAL NAME	%	COMMON NAME	REG.* (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN* (Y/N)
Silicon Carbide (Si.C)	60	Durite	Y	409-21-2	15mg/M <sup>3</sup> (Total Dust)	10mg/M <sup>3</sup>	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	Paper 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 assist
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 *J.J. McG.*

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## 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 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 &amp; Local Laws

## SECTION VIII PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) As needed, approved dust respirator OSHA 24 CFR1910-134

VENTILATION	LOCAL	Recommended
	MECHANICAL (GENERAL)	Recommended
	OTHER	NAIF

PROTECTIVE GLOVES As desired by user

EYE PROTECTION Recommend-OSHA 29CFR1910.133 (Face &amp; Eye Protection)

OTHER EQUIPMENT As needed, hearing protection-OSHA 29CFR1910.215 (Hearing Protection)

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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Rev. 5/84