

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: SURFACE CONDITIONING DIVISION
 TRADE NAME:
 3M SCOTCH BRITE(TM) Wheels, Blocks
 ISSUED: June 26, 2001
 SUPERSEDES: June 22, 2001
 DOCUMENT: 07-0932-9

1. INGREDIENT	C.A.S. NO.	PERCENT
ALUMINUM OXIDE OR.....	1344-28-1	10 - 65
SILICON CARBIDE OR.....	409-21-2	10 - 65
GARNETS.....	12178-41-5	10 - 65
CURED ADHESIVE.....	Unknown	5 - 65
INORGANIC FILLERS.....	Unknown	0 - 40
NYLON FIBERS.....	Unknown	5 - 35

The components of this product are in compliance with the chemical
 notification requirements of TSCA.

INCLUDES CPM, METAL FINISHING, MULTI-FINISHING, LIGHT DEBURRING, CUT
 AND POLISH, EXL, SST, GENERAL PURPOSE, WOODWORKING, WET DEBURRING,
 CONFORMABLE CUT AND POLISH, FLAT PART DEBURRING, TX, (INCLUDING
 UNITIZED)
 INGREDIENTS LISTED HERE ARE COMPONENTS OF THE NONWOVEN MATERIAL ONLY
 AND DO NOT INCLUDE ANY CORE MATERIAL.

2. PHYSICAL DATA

BOILING POINT:..... N/A
 VAPOR PRESSURE:..... N/A
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/A
 SOLUBILITY IN WATER:..... N/A
 SPECIFIC GRAVITY:..... N/A
 PERCENT VOLATILE:..... N/A
 pH:..... N/A
 VISCOSITY:..... N/A
 MELTING POINT:..... N/A

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2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:
Non-woven material.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:
Water, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not applicable.

NEPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: carbon monoxide, carbon dioxide, oxides of nitrogen, cyanides, formaldehyde

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Not applicable.

RECOMMENDED DISPOSAL:
Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/A.
VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:
Not applicable.

OTHER FIRST AID INFORMATION:
All first aid statements refer to exposure of dust created by cutting, sanding or grinding.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Wear safety glasses with side shields.

Use protective glasses and/or face shield as recommended in ANSI Standard Z87.1.

SKIN PROTECTION:

Not applicable.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust for grinding, cutting or sanding cured material. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Use particulate collection systems.

RESPIRATORY PROTECTION:

Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust respirator, full-face dust respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ALUMINUM OXIDE OR.....	1.0	FIBER/CC	TWA	CMRG	
ALUMINUM OXIDE OR.....	1.0	FIBER/CC	TWA	OSHA	
	PROPOSED				
ALUMINUM OXIDE OR.....	10	MG/M3	TWA	OSHA	
	AS DUST				
	OSHA VACATED PEL				
ALUMINUM OXIDE OR.....	10	MG/M3	TWA	ACGIH	
	as Al				
ALUMINUM OXIDE OR.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
ALUMINUM OXIDE OR.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
SILICON CARBIDE OR.....	10	MG/M3	TWA	ACGIH	
SILICON CARBIDE OR.....	10	MG/M3	TWA	OSHA	

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*

		AS DUST			
		OSHA VACATED PEL			
SILICON CARBIDE OR.....	15	MG/M3	TWA	OSHA	
		AS TOTAL DUST			
SILICON CARBIDE OR.....	5	MG/M3	TWA	OSHA	
		RESPIRABLE			
GARNETS.....	NONE	NONE	NONE	NONE	
CURED ADHESIVE.....	NONE	NONE	NONE	NONE	
INORGANIC FILLERS.....	NONE	NONE	NONE	NONE	
NYLON FIBERS.....	NONE	NONE	NONE	NONE	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL.
Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Mechanical eye irritation: signs/symptoms can include irritation, redness, scratching of the cornea and tearing.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation.

SKIN CONTACT:

Mechanical skin irritation: signs/symptoms can include itching and redness.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.

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8. HEALTH HAZARD DATA (continued)

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

OTHER HEALTH HAZARD INFORMATION:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE June 22, 2001	ISSUE
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