

3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
612/733-1110

00-30
788

MATERIAL SAFETY
DATA SHEET



DIVISION: ABRASIVE SYSTEMS DIVISION

TRADE NAME:
SCOTCH-BRITE, CLEAN 'N STRIP & GAMMA INDUSTRIAL SURFACE CONDITIONING
PRODUCTS - WHEELS, BRUSHES, SHEETS, ROLLS, DISCS, BELTS.

3M I.D. NUMBER:

ISSUED: AUGUST 5, 1994
SUPERSEDES: JULY 9, 1993
DOCUMENT: 05-5844-5

1. INGREDIENT	C.A.S. NO.	PERCENT		
ABRASIVE PARTICLES (ALUMINUM OXIDE OR	1344-28-1	10	-	65
ABRASIVE PARTICLE (SILICON CARBIDE) ..	409-21-2	10	-	65
NYLON FIBERS	None	5	-	35
EPOXY RESIN, CURED	None	0	-	33
PHENOL FORMALDEHYDE RESIN, CURED	None	0	-	33
POLYURETHANE RESIN, CURED	None	0	-	33

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... nil
SP. GRAVITY:..... N/D
PERCENT VOLATILE:..... N/A
VOLATILE ORGANICS:..... N/A
VOC LESS H2O & EXEMPT SOLVENT N/A
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/A
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:
Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not applicable.
NFPA-HAZARD-CODES: HEALTH 1 FIRE 0 REACTIVITY 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Not applicable.

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4. REACTIVITY DATA (continued)

HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
When subjected to flaming conditions, Carbon monoxide, carbon dioxide, oxides of nitrogen, and cyanides.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Not applicable.

RECOMMENDED DISPOSAL:
Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Since regulations vary, consult applicable regulations or authorities before disposal.

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:
No need for first aid is anticipated in the event of skin contact.

Mechanical only. Wash with soap and water.

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

IF SWALLOWED:
No need for first aid is anticipated.

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..

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7. PRECAUTIONARY INFORMATION (continued)

VENTILATION PROTECTION:

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.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
ABRASIVE PARTICLES (ALUMINUM OXIDE OR	10	mg/m3 as dust	TWA OSHA	
ABRASIVE PARTICLES (ALUMINUM OXIDE OR	10	mg/m3 as Al	TWA ACGIH	
ABRASIVE PARTICLE (SILICON CARBIDE) ..	10	mg/m3	TWA ACGIH	
ABRASIVE PARTICLE (SILICON CARBIDE) ..	10	mg/m3	TWA OSHA	
NYLON FIBERS	NONE	NONE	NONE NONE	
EPOXY RESIN, CURED	NONE	NONE	NONE NONE	
PHENOL FORMALDEHYDE RESIN, CURED	NONE	NONE	NONE NONE	
POLYURETHANE RESIN, CURED	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
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

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8. HEALTH HAZARD DATA

EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

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:

No adverse health effects are expected from skin contact.

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

INHALATION:

No adverse health effects are expected from inhalation exposure.

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

IF SWALLOWED:

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

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	JULY 9, 1993 ISSUE
PHYSICAL DATA	SECTION CHANGED SINCE	JULY 9, 1993 ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	JULY 9, 1993 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	JULY 9, 1993 ISSUE

Abbreviations: N/D - Not Determined N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.