

MATERIAL SAFETY  
DATA SHEET**3M**

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## DIVISION: DENTAL PRODUCTS

## TRADE NAME:

1980 AND 1958 SERIES SOF-LEX CONTOURING AND POLISHING DISCS

ID NUMBER/U.P.C.:	41-5300-5264-0	-	-	-	70-2004-2153-8	+H-44410-82634-0
	70-2004-2154-6	+H-44410-82735-0			70-2004-2155-3	+H-44410-82836-0
	70-2004-4244-3	+H-44410-84232-0			70-2004-7412-3	+H-44411-20132-0
	70-2004-8096-3	+H-44411-25333-0			70-2004-8097-1	+H-44411-25430-0
	70-2004-8098-9	+H-44411-25531-0			70-2004-8099-7	+H-44411-25632-0
	70-2004-8105-2	+H-44411-2613+-0			70-2004-8106-0	+H-44411-2623%-0
	70-2004-8107-8	+H-44411-26330-0			70-2004-8108-6	+H-44411-26431-0
	70-2010-1690-7	-	-	-	70-2010-1691-5	-
	70-2010-1692-3	-	-	-	70-2010-1693-1	-
	70-2010-1694-9	-	-	-	70-2010-1695-6	-
	70-2010-1696-4	-	-	-	70-2010-1697-2	-
	70-2010-1698-0	-	-	-		-

ISSUED: JANUARY 2, 1997

SUPERSEDES: DECEMBER 16, 1996

DOCUMENT: 11-2635-8

1. INGREDIENT	C.A.S. NO.	PERCENT		
CURED URETHANE BACKING .....	None	40.0	-	47.0
PAPER .....	None	22.0	-	31.0
ALUMINUM OXIDE GRIT AND BINDER .....	None	15.0	-	30.0

## 2. PHYSICAL DATA

BOILING POINT:.....	N/A
VAPOR PRESSURE:.....	N/A
VAPOR DENSITY: .....	N/A
EVAPORATION RATE:.....	N/A
SOLUBILITY IN WATER: .....	N/A
SP. GRAVITY:.....	N/D
PERCENT VOLATILE: .....	N/A
pH: .....	N/A
VISCOSITY: .....	N/A
MELTING POINT.....	N/D
APPEARANCE AND ODOR:	solid abrasives discs: 5/8", 1/2", 3/8" in diameter., color: light gray to dark brown and light blue to black.

## 3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:.....	451.00 F
FLAMMABLE LIMITS - LEL: .....	N/A

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

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**3. FIRE AND EXPLOSION HAZARD DATA (continued)**

**FLAMMABLE LIMITS - UEL:** ..... N/A  
**AUTOIGNITION TEMPERATURE:** ... N/D  
**EXTINGUISHING MEDIA:**  
Water, Carbon dioxide, Dry chemical, Foam  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
None known.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
None known.  
**NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0**  
**UNUSUAL REACTION HAZARD:** none  
**OSHA FIRE HAZARD CLASS:** Not applicable

**4. REACTIVITY DATA**

**STABILITY:** Stable  
**INCOMPATIBILITY - MATERIALS TO AVOID:**  
None known.  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
None known.

**5. ENVIRONMENTAL INFORMATION**

**SPILL RESPONSE:**  
Not applicable.  
**RECOMMENDED DISPOSAL:**  
Dispose of waste product in a sanitary landfill.  
**ENVIRONMENTAL DATA:**  
No data available.  
**REGULATORY INFORMATION:**  
Volatile Organic Compounds: N/A.  
VOC Less H2O & Exempt Solvents: N/D.  
**EPCRA HAZARD CLASS:**  
**FIRE HAZARD:** No **PRESSURE:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**6. SUGGESTED FIRST AID**

**EYE CONTACT:**  
Immediately flush eyes with large amounts of water. Get immediate medical attention.  
**SKIN CONTACT:**  
Flush skin with large amounts of water. If irritation persists, get medical attention.  
**INHALATION:**  
No need for first aid is anticipated.

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6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:  
No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:  
Avoid eye contact.

SKIN PROTECTION:  
Avoid skin contact.

VENTILATION PROTECTION:  
Not applicable.

RESPIRATORY PROTECTION:  
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:  
Not applicable.

RECOMMENDED STORAGE:  
Not applicable.

FIRE AND EXPLOSION AVOIDANCE:  
Not applicable.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
CURED URETHANE BACKING .....	NONE	NONE	NONE	NONE	
PAPER .....	NONE	NONE	NONE	NONE	
ALUMINUM OXIDE GRIT AND BINDER .....	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:  
- NONE: None Established

8. HEALTH HAZARD DATA

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

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**8. HEALTH HAZARD DATA (continued)**

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:**

No adverse health effects are expected from inhalation exposure.

This product may have a characteristic odor; however, no adverse health effects are anticipated.

**IF SWALLOWED:**

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

**SECTION CHANGE DATES**

HEADING	SECTION CHANGED SINCE DECEMBER 16, 1996 ISSUE
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Abbreviations: N/D - Not Determined N/A - Not Applicable

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