

MATERIAL SAFETY
 DATA SHEET



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DIVISION: COMMERCIAL CARE DIVISION
TRADE NAME:
 3M Brand CORNERSTONE(TM) FLOOR SEALER/FINISH

ID NUMBER/U.P.C.: 61-5000-3754-6 00-48011-08772-6 61-5000-3755-3 00-48011-08773-3
 70-0705-3634-0 00-48011-19081-5 70-0709-1878-7 00-48011-25928-9
 70-0709-1879-5 00-48011-25929-6 70-0709-1880-3 00-48011-25930-2

ISSUED: FEBRUARY 25, 1999
SUPERSEDES: OCTOBER 13, 1998
DOCUMENT: 10-9279-0

1. INGREDIENT	C.A.S. NO.	PERCENT		
WATER	7732-18-5	60	-	90
ACRYLIC ACID, POLYMERS	9003-01-4	5	-	10
STYRENE ACRYLIC EMULSION	Unknown	1	-	5
TRI(BUTOXYETHYL) PHOSPHATE	78-51-3	1	-	5
POLYETHYLENE	9002-88-4	1	-	5
STYRENE BUTADIENE RESIN	Unknown	0.5	-	1.5
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	0.5	-	1.5

NOTE: IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.
 The components of this product are in compliance with the chemical
 notification requirements of TSCA.

**THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTIN
 REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY
 RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR PART 372:**
 TRI(BUTOXYETHYL) PHOSPHATE
 DIETHYLENE GLYCOL MONOETHYL ETHER

2. PHYSICAL DATA

BOILING POINT:	212 F
VAPOR PRESSURE:	N/D
VAPOR DENSITY:	N/D
EVAPORATION RATE:	N/D
SOLUBILITY IN WATER:	complete
SP. GRAVITY:	ca. 1.0 Water = 1
PERCENT VOLATILE:	ca. 84 %
pH:	8.2-9.2
VISCOSITY:	N/D
MELTING POINT:	N/D
APPEARANCE AND ODOR:	liquid, opaque white

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3. FIRE AND EXPLOSION HAZARD DATA

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

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
None known.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Collect spilled material. Clean up residue with water.

RECOMMENDED DISPOSAL:
Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

Empty containers may be sanitary landfilled.

ENVIRONMENTAL DATA:
Not determined.

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

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

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5. ENVIRONMENTAL INFORMATION (continued)

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

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:

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

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber.

VENTILATION PROTECTION:

Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Avoid breathing of airborne material. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Store away from areas where product may come into contact with food

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7. PRECAUTIONARY INFORMATION (continued)

or pharmaceuticals. Store at temperatures above 32 degrees F (0 degrees C). Keep container dry. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
 Keep container tightly closed.

OTHER PRECAUTIONARY INFORMATION:
 Not intended for consumer sale or use.

HMS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
 PERSONAL PROTECTION: X (See precautions, section 7.)

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER	NONE	NONE	NONE	NONE	
ACRYLIC ACID, POLYMERS	NONE	NONE	NONE	NONE	
STYRENE ACRYLIC EMULSION	NONE	NONE	NONE	NONE	
TRI(BUTOXYETHYL) PHOSPHATE	NONE	NONE	NONE	NONE	
POLYETHYLENE	NONE	NONE	NONE	NONE	
STYRENE BUTADIENE RESIN	NONE	NONE	NONE	NONE	
DIETHYLENE GLYCOL MONOETHYL ETHER	30	ppm	TWA	CMRG	
DIETHYLENE GLYCOL MONOETHYL ETHER	140	mg/m ³	TWA	AIHA	
DIETHYLENE GLYCOL MONOETHYL ETHER	25	ppm	TWA	AIHA	

* 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:

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Lev
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:
 Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:
 Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:
 Single overexposure, above recommended guidelines, may cause:

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8. HEALTH HAZARD DATA (continued)

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

IF SWALLOWED:

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

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	OCTOBER 13, 1998 ISSUE
INGREDIENTS	SECTION CHANGED SINCE	OCTOBER 13, 1998 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	OCTOBER 13, 1998 ISSUE

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

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