

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: MARINE TRADES PROJECT
 TRADE NAME:

3M Marine Grade Mildew Resistant Silicone - White P/N 08014, 08017,
 08027

ID NUMBER/U.P.C.:

60-9800-2217-6 00-51135-08014-6 60-9800-2219-2 00-51135-08017-7
 60-9800-2222-6 00-51135-08027-6

ISSUED: March 13, 2001

SUPERSEDES: August 06, 1999

DOCUMENT: 06-7266-7

1. INGREDIENT	C.A.S. NO.	PERCENT
SILOXANES AND SILICONES, DI-ME, HYDROXY- TERMINATED.....	70131-67-8	80.0 - 90.0
SILICA.....	7631-86-9	10.0 - 20.0
ETHYLTRIAACETOXSILANE.....	17689-77-9	1.0 - 5.0
METHYLTRIAACETOXSILANE.....	4253-34-3	1.0 - 5.0
POLY(DIMETHYLSILOXANE).....	63148-62-9	1.0 - 5.0
TITANIUM DIOXIDE.....	13463-67-7	< 2.0

2. PHYSICAL DATA

BOILING POINT:..... N/A
 VAPOR PRESSURE:..... N/A
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/A
 SOLUBILITY IN WATER:..... N/A
 SPECIFIC GRAVITY:..... 1.04 Water=1
 PERCENT VOLATILE:..... N/A
 pH:..... N/A
 VISCOSITY:..... N/A
 MELTING POINT:..... N/D

APPEARANCE AND ODOR:
 white paste, acetic acid odor

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

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:

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:

None known.

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

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Product releases acetic acid during cure.

SO₂, CO, CO₂, acetic acid and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Collect spilled material. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Seal the container.

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5. ENVIRONMENTAL INFORMATION (continued)

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 39 gms/liter.
VOC Less H2O & Exempt Solvents: 39 gms/liter.

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:

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.

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, neoprene,
polyethylene/ethylene vinyl alcohol, polyethylene/polyvinylidene
chloride (Saranex), polytetrafluoroethylene (Teflon).

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 7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED VENTILATION:
 Use in a well-ventilated area.

RESPIRATORY PROTECTION:
 Avoid breathing of vapors created during the cure cycle. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask acid gas respirator.

PREVENTION OF ACCIDENTAL INGESTION:
 Do not ingest.

RECOMMENDED STORAGE:
 Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
 Keep container tightly closed.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED.....	NONE	NONE	NONE	NONE	
SILICA.....	3	MG/M3	TWA	CMRG	
			AS RESPIRABLE DUST		
ETHYLTRIAACETOXSILANE.....	NONE	NONE	NONE	NONE	
METHYLTRIAACETOXSILANE.....	NONE	NONE	NONE	NONE	
POLY(DIMETHYLSILOXANE).....	NONE	NONE	NONE	NONE	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	ACGIH	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	OSHA	
			AS DUST		
			OSHA VACATED PEL		
TITANIUM DIOXIDE.....	15	MG/M3	TWA	OSHA	
			AS TOTAL DUST		
TITANIUM DIOXIDE.....	5	MG/M3	TWA	CMRG	
			AS RESPIRABLE DUST		

* 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

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*

- 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:

Moderate Eye Irritation: signs/symptoms can include redness, swelling,
pain, tearing, and hazy vision.

SKIN CONTACT:

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

INHALATION:

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

Vapors of the uncured product may cause irritation of the respiratory
system.

IF SWALLOWED:

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

PRECAUTIONARY INFO. SECTION CHANGED SINCE August 06, 1999 ISSUE

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