

MATERIAL SAFETY 3M
DATA SHEET 3M Center
St. Paul, Minnesota
55144-1000
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DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

3570G Connector Sealing Pack

ID NUMBER/U.P.C.:

80-6112-1551-0 00-55128-53241-4

ISSUED: April 16, 2001

SUPERSEDES: February 23, 2001

DOCUMENT: 09-6402-3

1. INGREDIENT	C.A.S. NO.	PERCENT
PART A.....	Mixture	50
IRON OXIDE.....	1332-37-2	< 0.1
4,4'-ISOPROPYLIDENEDIPHENOL- EPICHLOROHYDRIN POLYMER.....	25068-38-6	60 - 80
(3',4'-EPOXYCYCLOHEXYLMETHYL) 3,4- EPOXYCYCLOHEXANECARBOXYLATE.....	2386-87-0	20 - 30
Part B:.....	Mixture	50
POLY(OXYPROPYLENE) SORBITOL, POLY[OXY(METHYL-1,2-ETHANEDIYL)] DERIV.	52625-13-5	20 - 50
GLYCOLS, POLYPROPYLENE.....	25322-69-4	5 - 30
CASTOR OIL.....	8001-79-4	30 - 35
POLYSTYRENE.....	9003-53-6	10 - 20
PETROLEUM DISTILLATE.....	8002-05-9	1 - 5
BIS(TRIFLUOROMETHYLSULFONYL)METHANE.....	428-76-2	1 - 5
CARBON BLACK.....	1333-86-4	0.1 - 1.0

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

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... < 1 BuOAc=1
SOLUBILITY IN WATER:..... slight
SPECIFIC GRAVITY:..... 1.04 Water=1

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

2. PHYSICAL DATA (continued)

PERCENT VOLATILE:..... N/D
pH:..... N/D
VISCOSITY:..... N/D
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, PART A: RED LIQUID, MEDIUM VISCOSITY. PART B: BLACK, LOW
VISCOSITY LIQUID, LOW ODOR.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... > 200 F CC
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Dry powder, 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. Water may not
effectively extinguish fire; however, it should be used to keep fire-
exposed containers and surfaces cool and prevent explosive rupture.
Water or foam may cause frothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

See Hazardous Decomposition section for products of combustion.
Closed containers exposed to heat from fire may build pressure and
explode.

Plastic bag containers will burst in fire.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 1 REACTIVITY: 1
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IIIB Combustible Liquid

4. REACTIVITY DATA

STABILITY: Stable

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4. REACTIVITY DATA (continued)

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Bases, Strong Oxidizing Agents, Amines, Alcohols, Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Aldehydes, Toxic Vapors, Gases or
Particulates, Irritant Vapors or Gases.

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. Ventilate area. Contain spill.
Cover with inorganic absorbent material. Collect spilled material.
Clean up residue with an appropriate organic solvent. Read and follow
safety precautions on the solvent label and MSDS. Place in a closed
container.

RECOMMENDED DISPOSAL:

Cure product according to product instructions. Dispose of
completely cured (or polymerized) material in a sanitary landfill.
Dispose of completely cured (or polymerized) material in a facility
permitted to accept chemical wastes. Disposal alternative:
Incinerate uncured waste in an industrial or commercial incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.
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).

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs/symptoms occur, call a physician. Wash contaminated clothing before reuse and dispose of contaminated shoes.

INHALATION:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

IF SWALLOWED:

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

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust ventilation at transfer points. 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. 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, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place. Store away from heat. Keep container dry. Keep container in well-ventilated area.

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7. PRECAUTIONARY INFORMATION (continued)

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. No smoking while handling this material.

OTHER PRECAUTIONARY INFORMATION:

For industrial or professional use only.

HMIS HAZARD RATINGS: HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 1
PERSONAL PROTECTION: B

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
PART A.....	NONE	NONE	NONE	NONE	
IRON OXIDE.....	NONE	NONE	NONE	NONE	
4,4'-ISOPROPYLIDENEDIPHENOL- EPICHLOROHYDRIN POLYMER.....	NONE	NONE	NONE	NONE	
(3',4'-EPOXYCYCLOHEXYLMETHYL) 3,4- EPOXYCYCLOHEXANECARBOXYLATE.....	NONE	NONE	NONE	NONE	
Part B:.....	NONE	NONE	NONE	NONE	
POLY(OXYPROPYLENE) SORBITOL, POLY[OXY(METHYL-1,2-ETHANEDIYL)] DERIV.....	NONE	NONE	NONE	NONE	
GLYCOLS, POLYPROPYLENE.....	10	MG/M3	TWA	AIHA	
		AS PARTICULATE			
CASTOR OIL.....	10	MG/M3	TWA	OSHA	
		AS MIST			
POLYSTYRENE.....	NONE	NONE	NONE	NONE	
PETROLEUM DISTILLATE.....	400	PPM	TWA	OSHA	
BIS(TRIFLUOROMETHYLSULFONYL)METHANE	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	

* 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
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

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8. HEALTH HAZARD DATA

EYE CONTACT:

Severe Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, cloudy appearance of the cornea, impaired vision and possible permanently impaired vision.

SKIN CONTACT:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

Severe Skin Irritation: signs/symptoms can include redness, swelling, itching, dryness, cracking, blistering, and pain.

INHALATION:

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

IF SWALLOWED:

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

CANCER:

WARNING: Contains a chemical which can cause cancer. (1333-86-4)
(IARC possible human carcinogen 2B)

WARNING: Contains a chemical which can cause cancer. (8002-05-9)
(IARC not classifiable 3 - Crude Oil)

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE February 23, 2001 ISSUE

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