

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: TELECOM SYSTEMS DIVISION
 TRADE NAME:

U-2 SEALANT FOR UB2, UB2A, UR2, UY2 AND 557/TG CONNECTORS
 ID NUMBER/U.P.C.:

80-6104-1351-2	00-54007-68534-0	80-6104-1352-0	00-54007-68535-7
80-6104-1353-8	00-54007-68536-4	80-6104-1354-6	00-54007-68537-1
80-6104-1355-3	00-54007-68538-8	80-6104-1356-1	00-54007-68539-5
80-6104-1357-9	00-54007-68540-1	80-6104-1358-7	00-54007-68541-8
80-6105-8274-6	00-54007-57278-7	80-6105-8277-9	00-54007-57281-7
80-6105-8278-7	00-54007-57282-4	80-6107-5565-6	00-54007-92191-2
80-6107-5566-4	00-54007-92192-9	80-6107-6092-0	00-54007-92695-5
80-6107-6093-8	00-54007-92696-2	80-6107-6094-6	00-54007-92693-1
80-6108-6180-1	00-51138-57359-1	80-6109-3885-6	- - -
80-6111-3260-8	- - -		

ISSUED: March 08, 2001
 SUPERSEDES: December 03, 1997
 DOCUMENT: 11-2452-8

1. INGREDIENT	C.A.S. NO.	PERCENT	
POLYBUTENE.....	9003-29-6	50.0	- 65.0
MINERAL OIL.....	8042-47-5	25.0	- 40.0
SILANE TREATED SILICA.....	68611-44-9	5.0	- 10.0
HYDROCARBON POLYMER.....	68648-89-5	1.0	- 5.0

2. PHYSICAL DATA	
BOILING POINT:.....	N/A
VAPOR PRESSURE:.....	N/D
VAPOR DENSITY:.....	N/D
EVAPORATION RATE:.....	N/A
SOLUBILITY IN WATER:.....	nil
SPECIFIC GRAVITY:.....	0.900 Water=1
PERCENT VOLATILE:.....	N/A
pH:.....	N/A
VISCOSITY:.....	N/D
MELTING POINT:.....	N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:
Amber gel, mild odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 305 F COC
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
Water spray, 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:
No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 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:
Carbon Monoxide and Carbon Dioxide, Oxides of Sulfur.

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

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5. ENVIRONMENTAL INFORMATION (continued)

residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS.

RECOMMENDED DISPOSAL:

Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:

Not applicable.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A.

VOC Less H2O & Exempt Solvents: N/D.

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:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:

Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)

RESPIRATORY PROTECTION:
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:
Wash hands after handling and before eating.

RECOMMENDED STORAGE:
Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
POLYBUTENE.....	NONE	NONE	NONE	NONE	
MINERAL OIL.....	5	MG/M3	TWA	CMRG	
MINERAL OIL.....	10	MG/M3	STEL	CMRG	
SILANE TREATED SILICA.....	NONE	NONE	NONE	NONE	
HYDROCARBON POLYMER.....	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:
- CMRG: Chemical Manufacturer Recommended Exposure 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:
No adverse health effects are expected from inhalation exposure.

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8. HEALTH HAZARD DATA (continued)

IF SWALLOWED:

No adverse health effects are expected from swallowing.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE December 03, 1997 ISSUE

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