



## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Connectors w/EG5 Sealant (UR, UR2, UY, UY2, UYF, UDW2, UB2A, UG, UCC, UAL, 2A, 211, 557)

**MANUFACTURER:** 3M

**DIVISION:** Communication Markets Division

**ADDRESS:** 3M Center, St. Paul, MN 55144-1000

**EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)**

**Issue Date:** 12/11/12

**Supersedes Date:** 07/07/11

**Document Group:** 20-2665-6

**Product Use:**

Intended Use: Sealant

### SECTION 2: INGREDIENTS

| <u>Ingredient</u>                               | <u>C.A.S. No.</u> | <u>% by Wt</u> |
|---|-------------------|----------------|
| POLYBUTYLENE                                    | 9003-29-6         | 35 - 45        |
| WHITE MINERAL OIL                               | 8042-47-5         | 35 - 45        |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | 67762-90-7        | 10 - 20        |

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Specific Physical Form:** Viscous

**Odor, Color, Grade:** Light colored grease, slight aromatic odor

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** May cause allergic skin reaction.

#### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

**Skin Contact:**

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

**Inhalation:**

No health effects are expected.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**SECTION 4: FIRST AID MEASURES**

**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Inhalation:** No need for first aid is anticipated.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 FLAMMABLE PROPERTIES**

|                          |                   |
|--------------------------|-------------------|
| Autoignition temperature | No Data Available |
| Flash Point              | No flash point    |
| Flammable Limits(LEL)    | No Data Available |
| Flammable Limits(UEL)    | No Data Available |

**5.2 EXTINGUISHING MEDIA**

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

**5.3 PROTECTION OF FIRE FIGHTERS**

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Not applicable. No unusual fire or explosion hazards are anticipated.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel.

## 6.2. Environmental precautions

Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

### Clean-up methods

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Contain spill. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS.

**In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.**

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

For industrial or professional use only. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid prolonged or repeated skin contact. Decontaminate work surfaces frequently to avoid exposure by contact.

### 7.2 STORAGE

Store under normal warehouse conditions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields

#### 8.2.2 Skin Protection

Avoid prolonged or repeated skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Neoprene

Nitrile Rubber

#### 8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### 8.2.4 Prevention of Swallowing

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

### 8.3 EXPOSURE GUIDELINES

| <u>Ingredient</u>                               | <u>Authority</u> | <u>Type</u>             | <u>Limit</u> | <u>Additional Information</u> |
|---|------------------|-------------------------|--------------|-------------------------------|
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | CMRG             | CEIL                    | 5 mg/m3      |                               |
| MINERAL OILS, HIGHLY-REFINED OILS               | ACGIH            | TWA, inhalable fraction | 5 mg/m3      |                               |
| Paraffin oil                                    | OSHA             | TWA, as mist            | 5 mg/m3      |                               |
| WHITE MINERAL OIL                               | CMRG             | TWA                     | 5 mg/m3      |                               |
| WHITE MINERAL OIL                               | CMRG             | STEL                    | 10 mg/m3     |                               |

#### SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Specific Physical Form:</b>            | Viscous                                    |
| <b>Odor, Color, Grade:</b>                | Light colored grease, slight aromatic odor |
| <b>General Physical Form:</b>             | Solid                                      |
| <b>Autoignition temperature</b>           | <i>No Data Available</i>                   |
| <b>Flash Point</b>                        | No flash point                             |
| <b>Flammable Limits(LEL)</b>              | <i>No Data Available</i>                   |
| <b>Flammable Limits(UEL)</b>              | <i>No Data Available</i>                   |
| <b>Boiling Point</b>                      | <i>No Data Available</i>                   |
| <b>Density</b>                            | 0.91 g/ml                                  |
| <b>Vapor Density</b>                      | <i>No Data Available</i>                   |
| <b>Vapor Density</b>                      | <i>No Data Available</i>                   |
| <b>Vapor Pressure</b>                     | <i>No Data Available</i>                   |
| <b>Vapor Pressure</b>                     | <i>No Data Available</i>                   |
| <b>Specific Gravity</b>                   | 0.91 [Ref Std: WATER=1]                    |
| <b>pH</b>                                 | <i>Not Applicable</i>                      |
| <b>Melting point</b>                      | <i>No Data Available</i>                   |
| <b>Solubility in Water</b>                | Nil  |
| <b>Evaporation rate</b>                   | <i>No Data Available</i>                   |
| <b>Volatile Organic Compounds</b>         | <i>No Data Available</i>                   |
| <b>Kow - Oct/Water partition coef</b>     | <i>No Data Available</i>                   |
| <b>Percent volatile</b>                   | <i>No Data Available</i>                   |
| <b>VOC Less H2O &amp; Exempt Solvents</b> | <i>No Data Available</i>                   |
| <b>Viscosity</b>                          | <i>No Data Available</i>                   |

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

#### Materials and Conditions to Avoid:

##### 10.1 Conditions to avoid

None known

## 10.2 Materials to avoid

None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Hazardous Decomposition:** Carbon dioxide and carbon monoxide and unidentified hydrocarbons.

## SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

Not determined.

### CHEMICAL FATE INFORMATION

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

**EPA Hazardous Waste Number (RCRA):** Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

### ID Number(s):

80-6113-1647-4, 80-6113-1649-0, 80-6113-1650-8, 80-6113-2121-9, 80-6113-2207-6, 80-6113-2656-4, 80-6113-2673-9, 80-6113-2674-7, 80-6113-2675-4, 80-6113-2676-2, 80-6113-2677-0, 80-6113-2678-8, 80-6113-2679-6, 80-6113-2704-2, 80-6113-2705-9, 80-6113-2742-2, 80-6113-2743-0, 80-6113-2745-5, 80-6113-2746-3, 80-6113-2747-1, 80-6113-2749-7, 80-6113-2751-3, 80-6113-2752-1, 80-6113-2753-9, 80-6113-2754-7, 80-6113-2755-4, 80-6113-2758-8, 80-6113-2759-6, 80-6113-2760-4, 80-6113-2763-8, 80-6113-2764-6, 80-6113-2765-3, 80-6113-2770-3, 80-6113-2771-1, 80-6113-2772-9, 80-6113-2779-4, 80-6113-2781-0, 80-6113-2782-8, 80-6113-2783-6, 80-6113-2784-4, 80-6113-2785-1, 80-6113-2786-9, 80-6113-2788-5, 80-6113-2790-1, 80-6113-2791-9, 80-6113-2795-0, 80-6113-2796-8, 80-6113-3448-5, 80-6113-8832-5, 80-6113-8833-3, FQ-1000-5752-7, FQ-1000-5753-5, RE-0009-6999-8

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Contact 3M for more information.

**311/312 Hazard Categories:**

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

**STATE REGULATIONS**

Contact 3M for more information.

**CHEMICAL INVENTORIES**

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

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information.

**INTERNATIONAL REGULATIONS**

Contact 3M for more information.

**This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

**SECTION 16: OTHER INFORMATION**

**NFPA Hazard Classification**

**Health: 2 Flammability: 1 Reactivity: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

**Reason for Reissue:** Add stock number RE-0009-6999-8. Was previously added to doc number 16-2710-8 in error. RE-0009-6999-8 removed from 16-2710-8

**Revision Changes:**

- Section 1: Product use information was modified.
- Section 16: Reason for reissue comment was modified.
- Section 9: Density information was modified.
- Section 9: Vapor density value was modified.
- Section 9: Vapor pressure value was modified.
- Section 9: Boiling point information was modified.
- Section 5: Flammable limits (UE) information was modified.
- Section 5: Flammable limits (LEL) information was modified.
- Section 5: Autoignition temperature information was modified.
- Section 9: Vapor density text was modified.
- Section 9: Vapor pressure text was modified.
- Section 5: Flash point information was modified.
- Section 9: Property description for optional properties was modified.
- Section 9: Specific gravity information was modified.
- Section 9: pH information was modified.
- Section 9: Melting point information was modified.
- Section 9: Solubility in water text was modified.
- Section 9: Flash point information was modified.
- Section 9: Flammable limits (LEL) information was modified.
- Section 9: Flammable limits (UEL) information was modified.
- Section 9: Autoignition temperature information was modified.

Section 14: ID Number(s) Template 1 was modified.

Section 2: Ingredient table was modified.

Section 8: Exposure guidelines ingredient information was modified.

Copyright was modified.

Section 9: Property description for required properties was deleted.

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