



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

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

Product Identification Numbers

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

1.2. Recommended use and restrictions on use

Recommended use

Sealant

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Communication Markets Division |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

Precautionary Statements**Disposal:**

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3. Hazards not otherwise classified

None.

SECTION 3: Composition/information on ingredients

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

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated.

Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable.

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

In case of fire: Use a dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eye contact. For industrial or professional use only. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|---|------------|--------|--|--------------------------------|
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | 67762-90-7 | CMRG | CEIL:5 mg/m ³ | |
| Paraffin oil | 8042-47-5 | OSHA | TWA(as mist):5 mg/m ³ | |
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m ³ | A4: Not class. as human carcin |
| WHITE MINERAL OIL | 8042-47-5 | CMRG | TWA:5 mg/m ³ ;STEL:10 mg/m ³ | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face

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

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

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

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| General Physical Form: | Solid |
| Specific Physical Form: | Viscous |
| Odor, Color, Grade: | Light colored grease, slight aromatic odor |
| Odor threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point | <i>No Data Available</i> |
| Boiling Point | <i>No Data Available</i> |
| Flash Point | No flash point |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Classified |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapor Pressure | <i>No Data Available</i> |
| Vapor Density | <i>No Data Available</i> |
| Density | 0.91 g/ml |
| Specific Gravity | 0.91 [Ref Std: WATER=1] |
| Solubility in Water | Nil |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Viscosity | <i>No Data Available</i> |
| Average particle size | <i>No Data Available</i> |
| Bulk density | <i>No Data Available</i> |
| Hazardous Air Pollutants | <i>No Data Available</i> |
| Molecular weight | <i>No Data Available</i> |
| Volatile Organic Compounds | <i>No Data Available</i> |
| Percent volatile | <i>No Data Available</i> |
| Softening point | <i>No Data Available</i> |
| VOC Less H2O & Exempt Solvents | <i>No Data Available</i> |

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products**Substance****Condition**

None known.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects**Signs and Symptoms of Exposure**

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

No known health effects.

Skin Contact:

Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

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

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|-----------------|----------------------------|---------|---|
| Overall product | Dermal | | No data available; calculated ATE > 5,000 mg/kg |
| Overall product | Inhalation-Dust/Mist(4 hr) | | No data available; calculated ATE > 12.5 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE > 5,000 mg/kg |
| POLYBUTYLENE | Dermal | Rat | LD50 > 10,250 mg/kg |
| POLYBUTYLENE | Ingestion | Rat | LD50 > 34,600 mg/kg |

| | | | |
|---|--------------------------------|--------|--------------------|
| WHITE MINERAL OIL | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| WHITE MINERAL OIL | Ingestion | Rat | LD50 > 5,000 mg/kg |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Ingestion | Rat | LD50 > 5,110 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| POLYBUTYLENE | Rabbit | Minimal irritation |
| WHITE MINERAL OIL | Rabbit | No significant irritation |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| POLYBUTYLENE | Rabbit | Mild irritant |
| WHITE MINERAL OIL | Rabbit | Mild irritant |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|---|------------------|-----------------|
| WHITE MINERAL OIL | Guinea pig | Not sensitizing |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Human and animal | Not sensitizing |

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|---------------|
| WHITE MINERAL OIL | In Vitro | Not mutagenic |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|---|---------------|-------------------------|--|
| WHITE MINERAL OIL | Dermal | Mouse | Not carcinogenic |
| WHITE MINERAL OIL | Inhalation | Multiple animal species | Not carcinogenic |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Not Specified | Mouse | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-------------------|-----------|----------------------------------|---------|-----------------------------|-------------------|
| WHITE MINERAL OIL | Ingestion | Not toxic to female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| WHITE MINERAL OIL | Ingestion | Not toxic to male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| WHITE MINERAL OIL | Ingestion | Not toxic to development | Rat | NOAEL | during |

| | | | | | |
|---|-----------|----------------------------------|-----|-----------------------|----------------------|
| | | | | 4,350 mg/kg/day | gestation |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Ingestion | Not toxic to female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Ingestion | Not toxic to male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Ingestion | Not toxic to development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|------------|--------------------------------|--|---------|-----------------------|-----------------------|
| POLYBUTYLENE | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.07 mg/l | 2 weeks |
| POLYBUTYLENE | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.7 mg/l | 2 weeks |
| WHITE MINERAL OIL | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| WHITE MINERAL OIL | Ingestion | liver immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| DIMETHYL SILOXANE, REACTION PRODUCT WITH SILICA | Inhalation | respiratory system silicosis | All data are negative | Human | NOAEL Not available | occupational exposure |

Aspiration Hazard

| Name | Value |
|-------------------|-------------------|
| WHITE MINERAL OIL | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available,

waste product may be placed in a landfill properly designed for industrial waste.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

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

SECTION 15: Regulatory information

15.1. 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 - Yes

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

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

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

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

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 Flammability: 1 Instability: 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.

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