



Safety Data Sheet

Copyright,2016,3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 33-9322-0 | Version number: | 1.01 |
| Issue Date: | 17/10/2016 | Supersedes date: | 04/10/2016 |

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

IDENTIFICATION:

1.1. Product identifier

3M™ Direct Bury Splice Kits, DBR/Y-6 & DBO/B-6

Product Identification Numbers

80-6114-5719-5 80-6114-6729-3

1.2. Recommended use and restrictions on use

Recommended use

Electrical

For Industrial or Professional use only.

1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113
Telephone: 136 136
E Mail: productinfo.au@mmm.com
Website: www.3m.com.au

1.4. Emergency telephone number

Company Emergency Hotline:EMERGENCY: 1800 097 146 (Australia only)

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the SDSs for components of this product are:

26-7488-5

All components in this KIT are NOT classified as hazardous chemicals according to the Model Work Health and Safety Regulations, 2011.

TRANSPORT INFORMATION

For transportation and storage this KIT and its components are NOT classified as Dangerous Goods

Marine Pollutant:Not applicable.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au



Safety Data Sheet

Copyright,2016,3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 26-7488-5 | Version number: | 2.00 |
| Issue Date: | 30/08/2016 | Supersedes date: | 30/08/2013 |

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier

Direct Bury Splice with Sealant

1.2. Recommended use and restrictions on use

Recommended use

Electrical, Moisture sealing connectors for low voltage connection.

For Industrial or Professional use only.

1.3. Supplier's details

| | |
|-------------------|---|
| Address: | 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113 |
| Telephone: | 136 136 |
| E Mail: | productinfo.au@mmm.com |
| Website: | www.3m.com.au |

1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Direct Bury Splice with Sealant

Pictograms

Not applicable.

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | CAS Nbr | % by Weight |
|-----------------------------------|--------------|-------------|
| White mineral oil grease | 8042-47-5 | 40 - 60 |
| Ethylene/propylene copolymer tube | 9010-79-1 | 30 - 50 |
| Arylalkylene Copolymer | Trade Secret | 2 - 6 |

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 carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Hydrocarbons.
Carbon monoxide.
Carbon dioxide.

Condition

During combustion.
During combustion.
During combustion.

Direct Bury Splice with Sealant

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. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Observe precautions from other sections.

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

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 | CAS Nbr | Agency | Limit type | Additional comments |
|-----------------------------------|-----------|----------------|---------------------------------|--------------------------------|
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m3 | A4: Not class. as human carcin |
| Paraffin oil | 8042-47-5 | Australia OELs | TWA(as mist)(8 hours):5 mg/m3 | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Direct Bury Splice with Sealant

Eye/face protection

None required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---------------------------|
| Physical state | Solid. Connector |
| Specific Physical Form: | Viscous Sealant |
| Appearance/Odour | various colours |
| Odour threshold | <i>No data available.</i> |
| pH | <i>No data available.</i> |
| Melting point/Freezing point | <i>No data available.</i> |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i> |
| Flash point | No flash point |
| Evaporation rate | <i>No data available.</i> |
| Flammability (solid, gas) | Not classified |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Vapour pressure | <i>Not applicable.</i> |
| Vapour density | <i>Not applicable.</i> |
| Density | <i>Not applicable.</i> |
| Relative density | 0.95 [Details:(Sealant)] |
| Water solubility | Nil |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Autoignition temperature | <i>Not applicable.</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> |
| Molecular weight | <i>No data available.</i> |
| Volatile organic compounds (VOC) | <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. Conditions to avoid

None known.

Direct Bury Splice with Sealant

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

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 labelling, 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

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

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 diarrhoea.

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 | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| White mineral oil grease | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White mineral oil grease | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Ethylene/propylene copolymer tube | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Ethylene/propylene copolymer tube | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--------------------------|---------|---------------------------|
| White mineral oil grease | Rabbit | No significant irritation |

Direct Bury Splice with Sealant

| | | |
|-----------------------------------|--------|---------------------------|
| Ethylene/propylene copolymer tube | Rabbit | No significant irritation |
|-----------------------------------|--------|---------------------------|

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------------------|---------|---------------------------|
| White mineral oil grease | Rabbit | Mild irritant |
| Ethylene/propylene copolymer tube | Rabbit | No significant irritation |

Skin Sensitisation

| Name | Species | Value |
|--------------------------|------------|-----------------|
| White mineral oil grease | Guinea pig | Not sensitizing |

Respiratory Sensitisation

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 grease | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|--------------------------|------------|-------------------------|------------------|
| White mineral oil grease | Dermal | Mouse | Not carcinogenic |
| White mineral oil grease | Inhalation | Multiple animal species | Not carcinogenic |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|--------------------------|-----------|----------------------------------|---------|-----------------------|-------------------|
| White mineral oil grease | Ingestion | Not toxic to female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil grease | Ingestion | Not toxic to male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil grease | Ingestion | Not toxic to development | Rat | NOAEL 4,350 mg/kg/day | during gestation |

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 |
|--------------------------|-----------|-----------------------|--|---------|-----------------------|-------------------|
| White mineral oil grease | 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 grease | Ingestion | liver immune system | Some positive data exist, but the data are not | Rat | NOAEL 1,336 mg/kg/day | 90 days |

Direct Bury Splice with Sealant

| | | | | | | |
|--|--|--|-------------------------------|--|--|--|
| | | | sufficient for classification | | | |
|--|--|--|-------------------------------|--|--|--|

Aspiration Hazard

| Name | Value |
|--------------------------|-------------------|
| White mineral oil grease | Aspiration hazard |

Exposure Levels

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Interactive Effects

Not determined.

SECTION 12: Ecological 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. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity**Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|-----------------------------------|--------------|------------|---|----------|------------------|-------------|
| White mineral oil grease | 8042-47-5 | Bluegill | Experimental | 96 hours | Lethal Level 50% | >100 mg/l |
| White mineral oil grease | 8042-47-5 | Water flea | Experimental | 21 days | NOEC | >100 mg/l |
| Ethylene/propylene copolymer tube | 9010-79-1 | | Data not available or insufficient for classification | | | |
| Arylalkylene Copolymer | Trade Secret | | Data not available or insufficient for classification | | | |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|-----------------------------------|--------------|---|----------|---------------|-------------|-----------------------------------|
| Ethylene/propylene copolymer tube | 9010-79-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil grease | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| Arylalkylene | Trade Secret | Data not | N/A | N/A | N/A | N/A |

Direct Bury Splice with Sealant

| | | | | | | |
|-----------|--|--|--|--|--|--|
| Copolymer | | available or insufficient for classification | | | | |
|-----------|--|--|--|--|--|--|

12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|-----------------------------------|--------------|---|----------|------------|-------------|----------|
| Ethylene/propylene copolymer tube | 9010-79-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil grease | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Arylalkylene Copolymer | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

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

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.

SECTION 14: Transport Information

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Hazchem Code: Not applicable

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Direct Bury Splice with Sealant

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Australian Inventory Status:

The chemical components contained within this product are listed on the Australian Inventory of Chemical Substances and are in compliance with the requirements of the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

Poison Schedule: This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

SECTION 16: Other information

Revision information:

Conversion to GHS format SDS.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au