



## Safety Data Sheet

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|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Rigid Parts Repair Adhesive Part A (Accelerator) PN 05883, 05885, 08275, 08266, 55885

#### Product Identification Numbers

| ID Number      | UPC | ID Number | UPC |
|----------------|-----|-----------|-----|
| 41-0003-6667-8 |     |           |     |

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Use with Part B, MSDS 06-3177-0

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Automotive Aftermarket                  |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 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

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 1.  
Skin Corrosion/Irritation: Category 2.  
Skin Sensitizer: Category 1B.  
Reproductive Toxicity: Category 2.  
Carcinogenicity: Category 1A.  
Specific Target Organ Toxicity (repeated exposure): Category 1.

#### 2.2. Label elements

**Signal word**

Danger

**Symbols**

Corrosion | Exclamation mark | Health Hazard |

**Pictograms****Hazard Statements**

Causes serious eye damage.

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

May cause cancer.

Causes damage to organs through prolonged or repeated exposure:  
respiratory system |

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves and eye/face protection.

Wear protective gloves.

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

Immediately call a POISON CENTER or doctor/physician.

If skin irritation or rash occurs: Get medical advice/attention.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

Specific treatment (see Notes to Physician on this label).

Get medical advice/attention if you feel unwell.

**Storage:**

Store locked up.

**Disposal:**

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

**SECTION 3: Composition/information on ingredients**

| Ingredient                                      | C.A.S. No.    | % by Wt                |
|---|---------------|------------------------|
| Mercaptan-Terminated Epoxy Curing Agent         | Trade Secret* | 40 - 70 Trade Secret * |
| Talc  | 14807-96-6    | 10 - 30 Trade Secret * |
| Limestone                                       | 1317-65-3     | 10 - 30 Trade Secret * |
| Butyl Benzyl Phthalate                          | 85-68-7       | 3 - 7 Trade Secret *   |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | 90-72-2       | 3 - 7 Trade Secret *   |
| Dimethyl Siloxane, Reaction Product with Silica | 67762-90-7    | 1 - 5 Trade Secret *   |
| Quartz Silica                                   | 14808-60-7    | < 0.25 Trade Secret *  |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

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

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately 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 fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

**Hazardous Decomposition or By-Products****Substance**

Carbon monoxide  
Carbon dioxide  
Oxides of Nitrogen  
Oxides of Sulfur  
Toxic Vapor, Gas, Particulate

**Condition**

During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion

**5.3. Special protective actions for fire-fighters**

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.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. 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. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**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 in accordance with applicable local/regional/national/international regulations.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Use personal protective equipment (gloves, respirators, etc.) as required.

**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            |
|---------------|------------|--------|---|--------------------------------|
| Limestone     | 1317-65-3  | OSHA   | TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup>             |                                |
| Talc          | 14807-96-6 | ACGIH  | TWA(respirable fraction):2 mg/m <sup>3</sup>  | A4: Not class. as human carcin |
| Talc          | 14807-96-6 | OSHA   | TWA:2 mg/m <sup>3</sup>   |                                |
| Quartz Silica | 14808-60-7 | ACGIH  | TWA(respirable fraction):0.025 mg/m <sup>3</sup>  | A2: Suspected human carcin.    |
| Quartz Silica | 14808-60-7 | OSHA   | TWA Table Z-1(respirable):0.05 mg/m <sup>3</sup> ;TWA Table Z-3(respirable):0.1 mg/m <sup>3</sup> |                                |

|                   |            |      |  |  |
|-------------------|------------|------|--|--|
| SILICA, AMORPHOUS | 67762-90-7 | OSHA | TWA concentration:0.8 mg/m3;TWA:20 millions of particles/cu. ft. |  |
|-------------------|------------|------|--|--|

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:

Full Face Shield

Indirect Vented Goggles

#### 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: Neoprene

Nitrile Rubber

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                |   |
|--------------------------------|---|
| <b>General Physical Form:</b>  | Solid Paste   |
| <b>Specific Physical Form:</b> | Paste   |
| <b>Odor, Color, Grade:</b>     | Strong mercaptan odor   |
| <b>Odor threshold</b>          | <i>No Data Available</i>  |
| <b>pH</b>                      | <i>No Data Available</i>  |
| <b>Melting point</b>           | <i>No Data Available</i>  |
| <b>Boiling Point</b>           | <i>No Data Available</i>  |
| <b>Flash Point</b>             | 200 °F  |
| <b>Flash Point</b>             | Flash point > 93 °C (200 °F) [ <i>Test Method: Closed Cup</i> ] |
| <b>Evaporation rate</b>        | <i>No Data Available</i>  |

|   |  |
|---|--|
| Flammability (solid, gas)               | Not Classified   |
| Flammable Limits(LEL)                   | No Data Available                                      |
| Flammable Limits(UEL)                   | No Data Available                                      |
| Vapor Pressure                          | No Data Available                                      |
| Vapor Density                           | No Data Available                                      |
| Density                                 | 1 g/ml   |
| Specific Gravity                        | 1.0 [Ref Std:WATER=1]                                  |
| Solubility In Water                     | No Data Available                                      |
| Solubility- non-water                   | No Data Available                                      |
| Partition coefficient: n-octanol/ water | No Data Available                                      |
| Autoignition temperature                | No Data Available                                      |
| Decomposition temperature               | No Data Available                                      |
| Viscosity                               | No Data Available                                      |
| Average particle size                   | No Data Available                                      |
| Bulk density                            | No Data Available                                      |
| Hazardous Air Pollutants                | 0.0000861 lb HAPS/lb solids [Test Method:Calculated]   |
| Volatile Organic Compounds              | 1 g/l [Test Method:calculated SCAQMD rule 443.1]       |
| Volatile Organic Compounds              | 0.1 % weight [Test Method:calculated per CARB title 2] |
| VOC Less H2O & Exempt Solvents          | 1 g/l [Test Method:calculated SCAQMD rule 443.1]       |

## 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

None known.

#### Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

## 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:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

### Skin Contact:

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

### Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

### Ingestion:

May be harmful if swallowed.

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

May cause additional health effects (see below).

## Additional Health Effects:

### Prolonged or repeated exposure may cause target organ effects:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

### Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

### Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| Ingredient            | CAS No.    | Class Description              | Regulation                                  |
|-----------------------|------------|--------------------------------|---|
| SILICA, CRYST AIRRESP | 14808-60-7 | Known human carcinogen         | National Toxicology Program Carcinogens     |
| Quartz Silica         | 14808-60-7 | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |

## 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                         | Ingestion                      |         | No data available; calculated ATE 2,000 - 5,000 mg/kg |
| Mercaptan-Terminated Epoxy Curing Agent | Dermal                         | Rabbit  | LD50 > 10,200 mg/kg                                   |
| Mercaptan-Terminated Epoxy Curing Agent | Ingestion                      | Rat     | LD50 2,600 mg/kg                                      |
| Limestone                               | Dermal                         | Rat     | LD50 > 2,000 mg/kg                                    |
| Limestone                               | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 3 mg/l   |
| Limestone                               | Ingestion                      | Rat     | LD50 6,450 mg/kg                                      |
| Talc                                    | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg                    |

|   |                                |        |                                    |
|---|--------------------------------|--------|------------------------------------|
| Talc  | Ingestion                      |        | LD50 estimated to be > 5,000 mg/kg |
| Butyl Benzyl Phthalate                          | Dermal                         | Rabbit | LD50 > 10,000 mg/kg                |
| Butyl Benzyl Phthalate                          | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 > 6.7 mg/l                    |
| Butyl Benzyl Phthalate                          | Ingestion                      | Rat    | LD50 2,330 mg/kg                   |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Dermal                         | Rat    | LD50 1,280 mg/kg                   |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Ingestion                      | Rat    | LD50 1,000 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                 |
| Quartz Silica                                   | Dermal                         |        | LD50 estimated to be > 5,000 mg/kg |
| Quartz Silica                                   | Ingestion                      |        | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name  | Species                | Value                     |
|---|------------------------|---------------------------|
| Mercaptan-Terminated Epoxy Curing Agent         | Rabbit                 | No significant irritation |
| Limestone                                       | Rabbit                 | No significant irritation |
| Talc  | Rabbit                 | No significant irritation |
| Butyl Benzyl Phthalate                          | Rabbit                 | No significant irritation |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Rabbit                 | Corrosive                 |
| Dimethyl Siloxane, Reaction Product with Silica | Rabbit                 | No significant irritation |
| Quartz Silica                                   | Professional judgement | No significant irritation |

### Serious Eye Damage/Irritation

| Name  | Species | Value                     |
|---|---------|---------------------------|
| Mercaptan-Terminated Epoxy Curing Agent         | Rabbit  | Mild irritant             |
| Limestone                                       | Rabbit  | No significant irritation |
| Talc  | Rabbit  | No significant irritation |
| Butyl Benzyl Phthalate                          | Rabbit  | Mild irritant             |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Rabbit  | Corrosive                 |
| Dimethyl Siloxane, Reaction Product with Silica | Rabbit  | No significant irritation |

### Skin Sensitization

| Name  | Species          | Value          |
|---|------------------|----------------|
| Mercaptan-Terminated Epoxy Curing Agent         | Mouse            | Sensitizing    |
| Butyl Benzyl Phthalate                          | Human and animal | Not classified |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Guinea pig       | Not classified |
| Dimethyl Siloxane, Reaction Product with Silica | Human and animal | Not classified |

### Respiratory Sensitization

| Name | Species | Value          |
|------|---------|----------------|
| Talc | Human   | Not classified |

### Germ Cell Mutagenicity

| Name                                    | Route    | Value         |
|---|----------|---------------|
| Mercaptan-Terminated Epoxy Curing Agent | In Vitro | Not mutagenic |



|   |          |  |
|---|----------|--|
| Talc  | In Vitro | Not mutagenic  |
| Talc  | In vivo  | Not mutagenic  |
| Butyl Benzyl Phthalate                          | In Vitro | Not mutagenic  |
| Butyl Benzyl Phthalate                          | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | In Vitro | Not mutagenic  |
| Dimethyl Siloxane, Reaction Product with Silica | In Vitro | Not mutagenic  |
| Quartz Silica                                   | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                   | In vivo  | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name  | Route         | Species          | Value  |
|---|---------------|------------------|--|
| Talc  | Inhalation    | Rat              | Some positive data exist, but the data are not sufficient for classification |
| Butyl Benzyl Phthalate                          | Ingestion     | Rat              | Some positive data exist, but the data are not sufficient for classification |
| Dimethyl Siloxane, Reaction Product with Silica | Not Specified | Mouse            | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                   | Inhalation    | Human and animal | Carcinogenic   |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name  | Route     | Value                                  | Species | Test Result           | Exposure Duration              |
|---|-----------|--|---------|-----------------------|--------------------------------|
| Limestone                                       | Ingestion | Not classified for development         | Rat     | NOAEL 625 mg/kg/day   | prematuring & during gestation |
| Talc  | Ingestion | Not classified for development         | Rat     | NOAEL 1,600 mg/kg     | during organogenesis           |
| Butyl Benzyl Phthalate                          | Ingestion | Toxic to female reproduction           | Rat     | NOAEL 250 mg/kg/day   | 2 generation                   |
| Butyl Benzyl Phthalate                          | Ingestion | Toxic to male reproduction             | Rat     | NOAEL 250 mg/kg/day   | 2 generation                   |
| Butyl Benzyl Phthalate                          | Ingestion | Toxic to development                   | Rat     | NOAEL 50 mg/kg/day    | 2 generation                   |
| Dimethyl Siloxane, Reaction Product with Silica | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation                   |
| Dimethyl Siloxane, Reaction Product with Silica | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation                   |
| Dimethyl Siloxane, Reaction Product with Silica | Ingestion | Not classified for development         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis           |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name                                       | Route      | Target Organ(s)        | Value  | Species | Test Result         | Exposure Duration |
|--|------------|------------------------|--|---------|---------------------|-------------------|
| Limestone                                  | Inhalation | respiratory system     | Not classified   | Rat     | NOAEL 0.812 mg/l    | 90 minutes        |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification |         | NOAEL Not available |                   |

#### Specific Target Organ Toxicity - repeated exposure

| Name                 | Route     | Target Organ(s) | Value                             | Species | Test Result | Exposure Duration |
|----------------------|-----------|-----------------|-----------------------------------|---------|-------------|-------------------|
| Mercaptan-Terminated | Ingestion | hematopoietic   | Some positive data exist, but the | Rat     | NOAEL 75    | 90 days           |

|   |            |  |  |       |                            |                       |
|---|------------|--|--|-------|----------------------------|-----------------------|
| Epoxy Curing Agent                              |            | system   | data are not sufficient for classification                                   |       | mg/kg/day                  |                       |
| Mercaptan-Terminated Epoxy Curing Agent         | Ingestion  | liver  | Some positive data exist, but the data are not sufficient for classification | Rat   | NOAEL 250 mg/kg/day        | 90 days               |
| Mercaptan-Terminated Epoxy Curing Agent         | Ingestion  | endocrine system   heart   skin   immune system   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system | Not classified   | Rat   | NOAEL 1,000 mg/kg/day      | 90 days               |
| Limestone                                       | Inhalation | respiratory system   | Not classified   | Human | NOAEL Not available        | occupational exposure |
| Talc  | Inhalation | pneumoconiosis   | Causes damage to organs through prolonged or repeated exposure               | Human | NOAEL Not available        | occupational exposure |
| Talc  | Inhalation | pulmonary fibrosis   respiratory system  | Not classified   | Rat   | NOAEL 18 mg/m <sup>3</sup> | 113 weeks             |
| Butyl Benzyl Phthalate                          | Inhalation | liver   kidney and/or bladder  | Not classified   | Rat   | NOAEL 0.789 mg/l           | 90 days               |
| Butyl Benzyl Phthalate                          | Ingestion  | endocrine system   | Some positive data exist, but the data are not sufficient for classification | Rat   | NOAEL 240 mg/kg/day        | 2 years               |
| Butyl Benzyl Phthalate                          | Ingestion  | kidney and/or bladder  | Not classified   | Rat   | NOAEL 960 mg/kg/day        | 90 days               |
| Butyl Benzyl Phthalate                          | Ingestion  | blood  | Not classified   | Rat   | NOAEL 500 mg/kg/day        | 2 years               |
| Butyl Benzyl Phthalate                          | Ingestion  | liver  | Not classified   | Rat   | NOAEL 381 mg/kg/day        | 90 days               |
| Tris(2,4,6-Dimethylaminomonomethyl) Phenol      | Dermal     | skin   liver   nervous system   auditory system   hematopoietic system   eyes  | Not classified   | Rat   | NOAEL 125 mg/kg/day        | 28 days               |
| Dimethyl Siloxane, Reaction Product with Silica | Inhalation | respiratory system   silicosis   | Not classified   | Human | NOAEL Not available        | occupational exposure |
| Quartz Silica                                   | Inhalation | silicosis  | Causes damage to organs through prolonged or repeated exposure               | Human | NOAEL Not available        | occupational exposure |

**Aspiration Hazard**

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

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.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

## 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.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Not applicable

##### Health Hazards

Carcinogenicity

Reproductive toxicity

Respiratory or Skin Sensitization

Serious eye damage or eye irritation

Skin Corrosion or Irritation

Specific target organ toxicity (single or repeated exposure)

### 15.2. State Regulations

Contact 3M for more information.

#### California Proposition 65

| <u>Ingredient</u>   | <u>C.A.S. No.</u> | <u>Listing</u>      |
|---|-------------------|---------------------|
| SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE) | None              | Carcinogen          |
| BUTYL BENZYL PHTHALATE (BBP)                                | 85-68-7           | Developmental Toxin |

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

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:** 3 **Flammability:** 1 **Instability:** 1 **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.

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
| <b>Document Group:</b> | 06-3176-2 | <b>Version Number:</b>  | 19.03    |
| <b>Issue Date:</b>     | 01/14/19  | <b>Supersedes Date:</b> | 05/26/17 |

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## Safety Data Sheet

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|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Rigid Parts Repair Adhesive, PN 05883, 05885, 08275,08266, 55885 Part B

#### Product Identification Numbers

41-0003-6668-6

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Use with Part A, MSDS 06-3176-2

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Automotive Aftermarket                  |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 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

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2B.

Skin Sensitizer: Category 1.

Carcinogenicity: Category 1A.

Specific Target Organ Toxicity (repeated exposure): Category 1.

#### 2.2. Label elements

##### Signal word

Danger

##### Symbols

Exclamation mark | Health Hazard |

**Pictograms**



**Hazard Statements**

Causes eye irritation.  
 May cause an allergic skin reaction.  
 May cause cancer.

Causes damage to organs through prolonged or repeated exposure:  
 respiratory system |

**Precautionary Statements**

**General:**

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wear protective gloves.  
 Do not eat, drink or smoke when using this product.  
 Wash thoroughly after handling.  
 Contaminated work clothing must not be allowed out of the workplace.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.  
 IF ON SKIN: Wash with plenty of soap and water.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Wash contaminated clothing before reuse.  
 Get medical advice/attention if you feel unwell.

**Storage:**

Store locked up.

**Disposal:**

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

**SECTION 3: Composition/information on ingredients**

| Ingredient   | C.A.S. No. | % by Wt                |
|--|------------|------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer                  | 25068-38-6 | 45 - 70 Trade Secret * |
| Talc   | 14807-96-6 | 10 - 30 Trade Secret * |
| Limestone  | 1317-65-3  | 10 - 30 Trade Secret * |
| 1,2,3-Propanetriyl Ester of 12-(Oxiranylmethoxy)-9-Octadecenoic Acid | 74398-71-3 | 3 - 7 Trade Secret *   |
| Dimethyl Siloxane, Reaction Product with Silica                      | 67762-90-7 | 1 - 5 Trade Secret *   |

|               |            |                               |
|---------------|------------|-------------------------------|
| Quartz Silica | 14808-60-7 | 0.0174 - 0.174 Trade Secret * |
|---------------|------------|-------------------------------|

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. 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

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

Substance

Aldehydes  
Carbon monoxide  
Carbon dioxide  
Toxic Vapor, Gas, Particulate

Condition

During Combustion  
During Combustion  
During Combustion  
During Combustion

### 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

Evacuate area. 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. Refer to other sections of this SDS for

information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**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 in accordance with applicable local/regional/national/international regulations.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Use personal protective equipment (gloves, respirators, etc.) as required.

**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            |
|-------------------------|------------|--------|---|--------------------------------|
| Limestone               | 1317-65-3  | OSHA   | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3  |                                |
| DUST, INERT OR NUISANCE | 14807-96-6 | OSHA   | TWA(as total dust):15 mg/m3;TWA(as total dust):50 millions of particles/cu. ft.(15 mg/m3);TWA(respirable fraction):15 millions of particles/cu. ft.(5 mg/m3);TWA(respirable fraction):5 mg/m3 |                                |
| Talc                    | 14807-96-6 | ACGIH  | TWA(respirable fraction):2 mg/m3  | A4: Not class. as human carcin |
| Talc                    | 14807-96-6 | OSHA   | TWA:2 mg/m3   |                                |
| Quartz Silica           | 14808-60-7 | ACGIH  | TWA(respirable fraction):0.025 mg/m3  | A2: Suspected human carcin.    |
| Quartz Silica           | 14808-60-7 | OSHA   | TWA Table Z-1(respirable):0.05 mg/m3;TWA Table Z-3(respirable):0.1 mg/m3  |                                |
| SILICA, AMORPHOUS       | 67762-90-7 | OSHA   | TWA concentration:0.8 mg/m3;TWA:20 millions of particles/cu. ft.  |                                |



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:  
 Indirect Vented Goggles

**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. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

**Respiratory protection**

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:  
 Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

|                                  |                          |
|----------------------------------|--------------------------|
| <b>General Physical Form:</b>    | Solid                    |
| <b>Specific Physical Form:</b>   | Paste                    |
| <b>Odor, Color, Grade:</b>       | Blue, with little odor   |
| <b>Odor threshold</b>            | <i>No Data Available</i> |
| <b>pH</b>                        | <i>Not Applicable</i>    |
| <b>Melting point</b>             | <i>No Data Available</i> |
| <b>Boiling Point</b>             | <i>Not Applicable</i>    |
| <b>Flash Point</b>               | No flash point           |
| <b>Evaporation rate</b>          | <i>No Data Available</i> |
| <b>Flammability (solid, gas)</b> | Not Classified           |
| <b>Flammable Limits(LEL)</b>     | <i>Not Applicable</i>    |

|  |   |
|--|---|
| <b>Flammable Limits(UEL)</b>                   | <i>Not Applicable</i>                                   |
| <b>Vapor Pressure</b>                          | <i>No Data Available</i>                                |
| <b>Vapor Density</b>                           | <i>No Data Available</i>                                |
| <b>Density</b>                                 | 1.0 g/ml  |
| <b>Specific Gravity</b>                        | 1.0 [Ref Std: WATER=1]                                  |
| <b>Solubility in Water</b>                     | Negligible  |
| <b>Solubility- non-water</b>                   | <i>No Data Available</i>                                |
| <b>Partition coefficient: n-octanol/ water</b> | <i>No Data Available</i>                                |
| <b>Autoignition temperature</b>                | <i>Not Applicable</i>                                   |
| <b>Decomposition temperature</b>               | <i>No Data Available</i>                                |
| <b>Viscosity</b>                               | <i>No Data Available</i>                                |
| <b>Hazardous Air Pollutants</b>                | 0.0000750 lb HAPS/lb solids [Test Method: Calculated]   |
| <b>Volatile Organic Compounds</b>              | 1 g/l [Test Method: calculated SCAQMD rule 443.1]       |
| <b>Volatile Organic Compounds</b>              | 0.1 % weight [Test Method: calculated per CARB title 2] |
| <b>Percent volatile</b>                        | <i>No Data Available</i>                                |
| <b>VOC Less H2O &amp; Exempt Solvents</b>      | 1 g/l [Test Method: calculated SCAQMD rule 443.1]       |

## 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

None known.

#### Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

## 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:**

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

**Skin Contact:**

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

**Eye Contact:**

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Ingestion:**

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

**Additional Health Effects:**

**Prolonged or repeated exposure may cause target organ effects:**

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| <u>Ingredient</u>          | <u>CAS No.</u> | <u>Class Description</u>       | <u>Regulation</u>                           |
|----------------------------|----------------|--------------------------------|---|
| SILICA, CRYST AIRRESP      | 14808-60-7     | Known human carcinogen         | National Toxicology Program Carcinogens     |
| Generic: CAS NO S14807966D | 14807-96-6     | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Quartz Silica              | 14808-60-7     | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |

**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**

| <u>Name</u>  | <u>Route</u>                   | <u>Species</u> | <u>Value</u>                                   |
|--|--------------------------------|----------------|--|
| Overall product  | Ingestion                      |                | No data available; calculated ATE >5,000 mg/kg |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer                  | Dermal                         | Rat            | LD50 > 1,600 mg/kg                             |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer                  | Ingestion                      | Rat            | LD50 > 1,000 mg/kg                             |
| Limestone  | Dermal                         | Rat            | LD50 > 2,000 mg/kg                             |
| Limestone  | Inhalation-Dust/Mist (4 hours) | Rat            | LC50 3 mg/l                                    |
| Limestone  | Ingestion                      | Rat            | LD50 6,450 mg/kg                               |
| Talc   | Dermal                         |                | LD50 estimated to be > 5,000 mg/kg             |
| Talc   | Ingestion                      |                | LD50 estimated to be > 5,000 mg/kg             |
| 1,2,3-Propanetriyl Ester of 12-(Oxiranylmethoxy)-9-Octadecenoic Acid | Dermal                         | Rabbit         | LD50 > 2,000 mg/kg                             |
| 1,2,3-Propanetriyl Ester of 12-(Oxiranylmethoxy)-9-Octadecenoic Acid | 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                             |
| Quartz Silica  | Dermal                         |                | LD50 estimated to be > 5,000 mg/kg             |

|               |           |                                    |
|---------------|-----------|------------------------------------|
| Quartz Silica | Ingestion | LD50 estimated to be > 5,000 mg/kg |
|---------------|-----------|------------------------------------|

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name  | Species                | Value                     |
|---|------------------------|---------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Rabbit                 | Mild irritant             |
| Limestone   | Rabbit                 | No significant irritation |
| Talc  | Rabbit                 | No significant irritation |
| Dimethyl Siloxane, Reaction Product with Silica     | Rabbit                 | No significant irritation |
| Quartz Silica                                       | Professional judgement | No significant irritation |

**Serious Eye Damage/Irritation**

| Name  | Species | Value                     |
|---|---------|---------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Rabbit  | Moderate irritant         |
| Limestone   | Rabbit  | No significant irritation |
| Talc  | Rabbit  | No significant irritation |
| Dimethyl Siloxane, Reaction Product with Silica     | Rabbit  | No significant irritation |

**Skin Sensitization**

| Name  | Species          | Value          |
|---|------------------|----------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Human and animal | Sensitizing    |
| Dimethyl Siloxane, Reaction Product with Silica     | Human and animal | Not classified |

**Respiratory Sensitization**

| Name  | Species | Value          |
|---|---------|----------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Human   | Not classified |
| Talc  | Human   | Not classified |

**Germ Cell Mutagenicity**

| Name  | Route    | Value  |
|---|----------|--|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | In vivo  | Not mutagenic  |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Talc  | In Vitro | Not mutagenic  |
| Talc  | In vivo  | Not mutagenic  |
| Dimethyl Siloxane, Reaction Product with Silica     | In Vitro | Not mutagenic  |
| Quartz Silica                                       | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                       | In vivo  | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name  | Route         | Species   | Value  |
|---|---------------|-----------|--|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Dermal        | Mouse     | Some positive data exist, but the data are not sufficient for classification |
| Talc  | Inhalation    | Rat       | Some positive data exist, but the data are not sufficient for classification |
| Dimethyl Siloxane, Reaction Product with Silica     | Not Specified | Mouse     | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                       | Inhalation    | Human and | Carcinogenic   |

|  |  |        |  |
|--|--|--------|--|
|  |  | animal |  |
|--|--|--------|--|

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name  | Route     | Value                                  | Species | Test Result           | Exposure Duration             |
|---|-----------|--|---------|-----------------------|-------------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Ingestion | Not classified for female reproduction | Rat     | NOAEL 750 mg/kg/day   | 2 generation                  |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 750 mg/kg/day   | 2 generation                  |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Dermal    | Not classified for development         | Rabbit  | NOAEL 300 mg/kg/day   | during organogenesis          |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Ingestion | Not classified for development         | Rat     | NOAEL 750 mg/kg/day   | 2 generation                  |
| Limestone   | Ingestion | Not classified for development         | Rat     | NOAEL 625 mg/kg/day   | prematings & during gestation |
| Talc  | Ingestion | Not classified for development         | Rat     | NOAEL 1,600 mg/kg     | during organogenesis          |
| Dimethyl Siloxane, Reaction Product with Silica     | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation                  |
| Dimethyl Siloxane, Reaction Product with Silica     | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation                  |
| Dimethyl Siloxane, Reaction Product with Silica     | Ingestion | Not classified for development         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis          |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name      | Route      | Target Organ(s)    | Value          | Species | Test Result      | Exposure Duration |
|-----------|------------|--------------------|----------------|---------|------------------|-------------------|
| Limestone | Inhalation | respiratory system | Not classified | Rat     | NOAEL 0.812 mg/l | 90 minutes        |

**Specific Target Organ Toxicity - repeated exposure**

| Name  | Route      | Target Organ(s)  | Value  | Species | Test Result           | Exposure Duration     |
|---|------------|--|--|---------|-----------------------|-----------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Dermal     | liver  | Not classified   | Rat     | NOAEL 1,000 mg/kg/day | 2 years               |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Dermal     | nervous system   | Not classified   | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks              |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Ingestion  | auditory system   heart   endocrine system   hematopoietic system   liver   eyes   kidney and/or bladder | Not classified   | Rat     | NOAEL 1,000 mg/kg/day | 28 days               |
| Limestone   | Inhalation | respiratory system   | Not classified   | Human   | NOAEL Not available   | occupational exposure |
| Talc  | Inhalation | pneumoconiosis   | Causes damage to organs through prolonged or repeated exposure | Human   | NOAEL Not available   | occupational exposure |
| Talc  | Inhalation | pulmonary fibrosis   respiratory system  | Not classified   | Rat     | NOAEL 18 mg/m3        | 113 weeks             |
| Dimethyl Siloxane, Reaction Product with Silica     | Inhalation | respiratory system   silicosis   | Not classified   | Human   | NOAEL Not available   | occupational exposure |
| Quartz Silica                                       | Inhalation | silicosis  | Causes damage to organs through prolonged or repeated exposure | Human   | NOAEL Not available   | occupational exposure |

**Aspiration Hazard**

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

**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.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product 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 that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**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.

**EPCRA 311/312 Hazard Classifications:**

**Physical Hazards**

Not applicable

**Health Hazards**

Carcinogenicity

Respiratory or Skin Sensitization

Serious eye damage or eye irritation

Specific target organ toxicity (single or repeated exposure)

**15.2. State Regulations**

Contact 3M for more information.

**California Proposition 65**

| <u>Ingredient</u>         | <u>C.A.S. No.</u> | <u>Listing</u>      |
|---------------------------|-------------------|---------------------|
| POLYCHLORINATED BIPHENYLS | None              | Carcinogen          |
| POLYCHLORINATED BIPHENYLS | None              | Developmental Toxin |

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

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: 2 Flammability: 0 Instability: 1 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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