



## Safety Data Sheet

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**Document Group:** 08-2286-6  
**Issue Date:** 10/01/18

**Version Number:** 34.02  
**Supersedes Date:** 02/12/18

### SECTION 1: Identification

#### 1.1. Product identifier

3M FILTEK Z250 UNIVERSAL RESTORATIVE (ALL SHADES EXCEPT B0.5 and B1)

#### Product Identification Numbers

| ID Number      | UPC              | ID Number      | UPC              |
|----------------|------------------|----------------|------------------|
| 70-2010-2225-1 | +H-44447-54127-0 | 70-2010-2226-9 | +H-44447-54228-0 |
| 70-2010-2227-7 | +H-44447-54329-0 | 70-2010-2228-5 | +H-44447-5442A-0 |
| 70-2010-2229-3 | +H-44447-5452B-0 | 70-2010-2232-7 | +H-44447-5482E-0 |
| 70-2010-2233-5 | +H-44447-5492F-0 | 70-2010-2234-3 | +H-44447-55027-0 |
| 70-2010-2237-6 | +H-44447-5532A-0 | 70-2010-2238-4 | +H-44447-5542B-0 |
| 70-2010-2241-8 | +H-44447-5572E-0 | 70-2010-2242-6 | +H-44447-5582F-0 |
| 70-2010-2243-4 | +H-44447-5592G-0 | 70-2010-2244-2 | +H-44447-56028-0 |
| 70-2010-2245-9 | +H-44447-56129-0 | 70-2010-2248-3 | +H-44447-5642C-0 |
| 70-2010-2249-1 | +H-44447-5652D-0 | 70-2010-2250-9 | +H-44447-5662E-0 |
| 70-2010-2253-3 |                  | 70-2010-2254-1 |                  |
| 70-2010-2259-0 |                  | 70-2010-2260-8 |                  |
| 70-2010-2564-3 | +H-44447-8802D-0 | 70-2010-2565-0 | +H-44447-8812E-0 |
| 70-2010-2566-8 | +H-44447-8822F-0 | 70-2010-2567-6 | +H-44447-8832G-0 |
| 70-2010-2568-4 | +H-44447-8842H-0 | 70-2010-2571-8 | +H-44447-8872K-0 |
| 70-2010-2572-6 | +H-44447-8882L-0 | 70-2010-2573-4 | +H-44447-8892M-0 |
| 70-2010-2576-7 | +H-44447-8922G-0 | 70-2010-2577-5 | +H-44447-8932H-0 |
| 70-2010-2578-3 | +H-44447-8942I-0 | 70-2010-2585-8 | +H-44447-90127-0 |
| 70-2010-2586-6 | +H-44447-90228-0 | 70-2010-2587-4 | +H-44447-90329-0 |
| 70-2010-2588-2 | +H-44447-9042A-0 | 70-2010-2589-0 | +H-44447-9052B-0 |
| 70-2010-2592-4 | +H-44447-9082E-0 | 70-2010-2593-2 | +H-44447-9092F-0 |
| 70-2010-2594-0 | +H-44447-91027-0 | 70-2010-2597-3 | +H-44447-9132A-0 |
| 70-2010-2598-1 | +H-44447-9142B-0 | 70-2010-2599-9 | +H-44447-9152C-0 |
| 70-2010-2712-8 | +H-44448-02828-0 | 70-2010-2723-5 | +H-44448-0392A-0 |
| 70-2010-2724-3 | +H-44448-04022-0 | 70-2010-2725-0 | +H-44448-04123-0 |
| 70-2010-2726-8 | +H-44448-04224-0 | 70-2010-3200-3 | +H-44451-55022-0 |
| 70-2010-3201-1 | +H-44451-55123-0 | 70-2010-3202-9 | +H-44451-55224-0 |
| 70-2010-3203-7 | +H-44451-55325-0 | 70-2010-5064-1 |                  |
| 70-2010-5200-1 |                  | 70-2010-5201-9 |                  |
| 70-2010-5202-7 |                  | 70-2010-5203-5 |                  |
| 70-2010-5204-3 |                  | 70-2010-5207-6 |                  |
| 70-2010-5208-4 |                  | 70-2010-5209-2 |                  |
| 70-2010-5212-6 |                  | 70-2010-5213-4 |                  |

|                |                |
|----------------|----------------|
| 70-2010-5214-2 | 70-2010-5216-7 |
| 70-2010-5217-5 | 70-2010-5218-3 |
| 70-2010-5219-1 | 70-2010-5565-7 |
| 70-2010-9555-4 | 70-2010-9556-2 |
| 70-2010-9557-0 | 70-2010-9558-8 |
| 70-2010-9559-6 | 70-2014-1122-3 |
| 70-2014-1123-1 | 70-2014-1124-9 |
| 70-2014-1125-6 | 70-2014-1126-4 |
| 70-2014-1127-2 | 70-2014-1128-0 |
| 70-2014-1129-8 | 70-2014-1130-6 |
| 70-2014-1131-4 | 70-2014-1132-2 |
| 70-2014-1133-0 |                |

7000054199, 7000054200, 7000054201, 7000054202, 7000054203, 7000054205, 7000054206, 7000054207, 7000054208, 7000054209, 7000003072, 7000003073, 7000003074, 7000003075, 7000003076, 7000003078, 7000003079, 7000054210, 7000054211, 7000003084, 7000054212, 7000003085, 7000030424, 7000054236, 7000030425, 7000054237, 7000030426, 7000030428, 7000030429, 7000054239, 7000054240, 7000054241, 7000054242, 7000030433, 7000030434, 7000030435, 7000030436, 7000030437, 7000030440, 7000030441, 7000030442, 7000030445, 7000030446, 7000030447, 7100111620, 7100111621, 7100111787, 7100111812, 7100111789, 7100111781, 7100111851, 7000003194, 7000003195, 7000003196, 7000003197, 7000003198, 7000003200, 7000003201, 7100009086, 7000030530, 7000003202, 7000003203, 7100111854, 7010387258, 7100111821, 7100111796, 7000054359, 7010302362, 7010387631, 7010342916, 7100111726, 7010342915, 7100140987, 7100140984, 7100140981, 7100140980, 7100140989, 7100141017, 7100140988, 7100140983, 7100140986, 7100140979, 7100140990, 7100141009

## 1.2. Recommended use and restrictions on use

### Recommended use

Dental product, Restorative

### Restrictions on use

For use only by dental professionals

## 1.3. Supplier's details

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Oral Care Solutions Division            |
| <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

This document has been prepared in accordance with the U.S. OSHA Hazard Communication Standard, which requires the inclusion of all known hazards of the product or ingredients regardless of the potential risk. The risks of the hazards communicated in this document may vary depending on the potential for exposure.

### 2.1. Hazard classification

Skin Sensitizer: Category 1.

### 2.2. Label elements

#### Signal word

Warning

#### Symbols

Exclamation mark |

**Pictograms****Hazard Statements**

May cause an allergic skin reaction.

**Precautionary Statements****Prevention:**

Wear protective gloves.

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

**Response:**

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.

**Disposal:**

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

### SECTION 3: Composition/information on ingredients

| <b>Ingredient</b>                                                   | <b>C.A.S. No.</b> | <b>% by Wt</b>         |
|---------------------------------------------------------------------|-------------------|------------------------|
| SILANE TREATED CERAMIC                                              | 444758-98-9       | 75 - 85 Trade Secret * |
| BISPHENOL A POLYETHYLENE GLYCOL<br>DIETHER DIMETHACRYLATE (BISEMA6) | 41637-38-1        | 1 - 10 Trade Secret *  |
| DIURETHANE DIMETHACRYLATE (UDMA)                                    | 72869-86-4        | 1 - 10 Trade Secret *  |
| BISPHENOL A DIGLYCIDYL ETHER<br>DIMETHACRYLATE (BISGMA)             | 1565-94-2         | 1 - 6 Trade Secret *   |
| TRIETHYLENE GLYCOL DIMETHACRYLATE<br>(TEGDMA)                       | 109-16-0          | < 3 Trade Secret *     |
| ALUMINUM OXIDE                                                      | 1344-28-1         | <= 1 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**

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

**Condition**

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.

**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**

A no-touch technique is recommended. If skin contact occurs, wash skin with soap and water. Acrylates may penetrate commonly-used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. 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. Do not get in eyes.

**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            |
|-------------------------------|------------|--------|---------------------------------------------------------------------------------------|--------------------------------|
| ALUMINUM OXIDE                | 1344-28-1  | OSHA   | TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup> |                                |
| Aluminum, insoluble compounds | 1344-28-1  | ACGIH  | TWA(respirable fraction):1 mg/m <sup>3</sup>                                          | A4: Not class. as human carcin |

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 in a well-ventilated area.

#### 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

See Section 7.1 for additional information on skin protection.

##### 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:   | Paste                                |
| Odor, Color, Grade:       | Slight acrylate odor, various shades |
| Odor threshold            | No Data Available                    |
| pH                        | Not Applicable                       |
| Melting point             | No Data Available                    |
| Boiling Point             | Not Applicable                       |
| Flash Point               | No flash point                       |
| Evaporation rate          | Not Applicable                       |
| Flammability (solid, gas) | Not Classified                       |

|                                             |                                  |
|---------------------------------------------|----------------------------------|
| Flammable Limits(LEL)                       | <i>Not Applicable</i>            |
| Flammable Limits(UEL)                       | <i>Not Applicable</i>            |
| Vapor Pressure                              | <i>Not Applicable</i>            |
| Vapor Density                               | <i>Not Applicable</i>            |
| Density                                     | 2.1 g/cm <sup>3</sup>            |
| Specific Gravity                            | 2.1 [Ref Std: WATER=1]           |
| Solubility in Water                         | Negligible                       |
| Solubility- non-water                       | <i>No Data Available</i>         |
| Partition coefficient: n-octanol/ water     | <i>Not Applicable</i>            |
| Autoignition temperature                    | <i>No Data Available</i>         |
| Decomposition temperature                   | <i>No Data Available</i>         |
| Viscosity                                   | Approximately 300,000 centipoise |
| Molecular weight                            | <i>No Data Available</i>         |
| Volatile Organic Compounds                  | <i>No Data Available</i>         |
| Percent volatile                            | <i>No Data Available</i>         |
| VOC Less H <sub>2</sub> O & 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

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.

This document has been prepared in accordance with the U.S. OSHA Hazard Communication Standard, which requires the inclusion of all known hazards of the product or ingredients regardless of the potential risk. The risks of the hazards communicated in this document may vary depending on the potential for exposure.

The information below represents toxicological information associated with the individual components of the uncured

product. Once properly mixed and/or cured, the product is safe for its intended use.

### 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:

This product may have a characteristic odor; however, no adverse health effects are anticipated.

#### Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

#### Eye Contact:

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

#### Ingestion:

May be harmful if swallowed.

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                                                 | Ingestion                      |                       | No data available; calculated ATE 2,000 - 5,000 mg/kg |
| SILANE TREATED CERAMIC                                          | Dermal                         |                       | LD50 estimated to be > 5,000 mg/kg                    |
| SILANE TREATED CERAMIC                                          | Ingestion                      |                       | LD50 estimated to be 2,000 - 5,000 mg/kg              |
| BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE (BISMA6) | Dermal                         | Professional judgment | LD50 estimated to be > 5,000 mg/kg                    |
| DIURETHANE DIMETHACRYLATE (UDMA)                                | Dermal                         | Professional judgment | LD50 estimated to be > 5,000 mg/kg                    |
| BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE (BISMA6) | Ingestion                      | Rat                   | LD50 > 2,000 mg/kg                                    |
| DIURETHANE DIMETHACRYLATE (UDMA)                                | Ingestion                      | Rat                   | LD50 > 5,000 mg/kg                                    |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA)            | Ingestion                      |                       | LD50 estimated to be 2,000 - 5,000 mg/kg              |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA)            | Dermal                         | Professional judgment | LD50 estimated to be 2,000 - 5,000 mg/kg              |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)                      | Dermal                         | Professional judgment | LD50 estimated to be > 5,000 mg/kg                    |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)                      | Ingestion                      | Rat                   | LD50 10,837 mg/kg                                     |
| ALUMINUM OXIDE                                                  | Dermal                         |                       | LD50 estimated to be > 5,000 mg/kg                    |
| ALUMINUM OXIDE                                                  | Inhalation-Dust/Mist (4 hours) | Rat                   | LC50 > 2.3 mg/l                                       |
| ALUMINUM OXIDE                                                  | Ingestion                      | Rat                   | LD50 > 5,000 mg/kg                                    |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                                 | Species           | Value                     |
|------------------------------------------------------|-------------------|---------------------------|
| SILANE TREATED CERAMIC                               | similar compounds | No significant irritation |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Not available     | Minimal irritation        |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Guinea pig        | Mild irritant             |
| ALUMINUM OXIDE                                       | Rabbit            | No significant irritation |

**Serious Eye Damage/Irritation**

| Name                                                 | Species                | Value                     |
|------------------------------------------------------|------------------------|---------------------------|
| SILANE TREATED CERAMIC                               | similar compounds      | Mild irritant             |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Not available          | Moderate irritant         |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Professional judgement | Moderate irritant         |
| ALUMINUM OXIDE                                       | Rabbit                 | No significant irritation |

**Skin Sensitization**

| Name                                                             | Species           | Value          |
|------------------------------------------------------------------|-------------------|----------------|
| SILANE TREATED CERAMIC                                           | similar compounds | Not classified |
| BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE (BISEMA6) | Guinea pig        | Not classified |
| DIURETHANE DIMETHACRYLATE (UDMA)                                 | Guinea pig        | Sensitizing    |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA)             | Guinea pig        | Sensitizing    |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)                       | Human and animal  | 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                                                                        |
|------------------------------------------------------------------|----------|------------------------------------------------------------------------------|
| BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE (BISEMA6) | In Vitro | Not mutagenic                                                                |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA)             | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)                       | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| ALUMINUM OXIDE                                                   | In Vitro | Not mutagenic                                                                |

**Carcinogenicity**

| Name                                       | Route      | Species           | Value                                                                        |
|--------------------------------------------|------------|-------------------|------------------------------------------------------------------------------|
| SILANE TREATED CERAMIC                     | Inhalation | similar compounds | Some positive data exist, but the data are not sufficient for classification |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA) | Dermal     | Mouse             | Not carcinogenic                                                             |
| ALUMINUM OXIDE                             | Inhalation | Rat               | Not carcinogenic                                                             |



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

| Name                                                 | Route     | Value                                  | Species | Test Result         | Exposure Duration              |
|------------------------------------------------------|-----------|----------------------------------------|---------|---------------------|--------------------------------|
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Ingestion | Not classified for female reproduction | Mouse   | NOAEL 0.8 mg/kg/day | prematuring & during gestation |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Ingestion | Not classified for male reproduction   | Mouse   | NOAEL 0.8 mg/kg/day | prematuring & during gestation |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Ingestion | Not classified for development         | Mouse   | NOAEL 0.8 mg/kg/day | prematuring & during gestation |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Ingestion | Not classified for female reproduction | Mouse   | NOAEL 1 mg/kg/day   | 1 generation                   |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Ingestion | Not classified for male reproduction   | Mouse   | NOAEL 1 mg/kg/day   | 1 generation                   |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Ingestion | Not classified for development         | Mouse   | NOAEL 1 mg/kg/day   | 1 generation                   |

**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              |
|------------------------------------------------------|------------|-------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------|---------------------|--------------------------------|
| SILANE TREATED CERAMIC                               | Inhalation | pulmonary fibrosis                                                | Not classified                                                               | similar compounds | NOAEL Not available |                                |
| BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (BISGMA) | Ingestion  | endocrine system   liver   nervous system   kidney and/or bladder | Not classified                                                               | Mouse             | NOAEL 0.8 mg/kg/day | prematuring & during gestation |
| TRIETHYLENE GLYCOL DIMETHACRYLATE (TEGDMA)           | Dermal     | kidney and/or bladder   blood                                     | Not classified                                                               | Mouse             | NOAEL 833 mg/kg/day | 78 weeks                       |
| ALUMINUM OXIDE                                       | Inhalation | pneumoconiosis                                                    | Some positive data exist, but the data are not sufficient for classification | Human             | NOAEL Not available | occupational exposure          |
| ALUMINUM OXIDE                                       | Inhalation | pulmonary fibrosis                                                | Not classified                                                               | 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 waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility.

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.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Not applicable

##### Health Hazards

Respiratory or Skin Sensitization

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

| <u><b>Ingredient</b></u> | <u><b>C.A.S. No</b></u> | <u><b>% by Wt</b></u> |
|--------------------------|-------------------------|-----------------------|
| ALUMINUM OXIDE           | 1344-28-1               | Trade Secret <= 1     |

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

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:** 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.

**Document Group:** 08-2286-6  
**Issue Date:** 10/01/18

**Version Number:** 34.02  
**Supersedes Date:** 02/12/18

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