

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075038500

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075038419 075038435

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075038385

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 Material Safety Data Sheet  
 =====

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Prepared by: Environmental Health and Safety Services  
 Department, 3M Canada Company  
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 1 Product Identification  
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Tradename:  
 8601A AND 8602 "SILAR" PASTE 'A' (INACTIVE)  
 Product ID:  
 70-2010-1808-5 70-2010-1810-1 70-2010-1811-9 70-2010-1812-7  
 70-2004-4302-9 70-2004-6072-6 70-2004-6073-4 70-2004-6074-2  
 Intended Use of Product:  
 Dental Product  
 Division:  
 DENTAL PRODUCTS

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 2 Composition/Information on Ingredients  
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Ingredient Name	CAS Number	Percentage
ORGANIC FILLER	None	50 - 70
DICHLORODIMETHYLSILANE REACTION PRODUCT WITH SILICA	68611-44-9	15 - 25
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	20 - 25
BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE	1565-94-2	15 - 25

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### 3 Hazards Identification

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**Critical Hazards:**

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.  
See Sections 7 and 11 for further information.

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### 4 First Aid Measures

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**Instructions for Eye Contact:**

Immediately flush eyes with large amounts of water. Get immediate medical attention.

**Instructions for Skin Contact:**

Wash affected area with soap and water.

**Instructions for Inhalation:**

No need for first aid is anticipated.

**Instructions for Ingestion:**

No need for first aid is anticipated.

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### 5 Fire Fighting Measures

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Flash point: Not applicable

Lower Explosive Limit (%): Not Available.

Upper Explosive Limit (%): Not Available.

Autoignition temperature: Not Available.

**Suitable Extinguishing Media:**

Non-combustible. Choose material suitable for surrounding fire.

**Exposure Hazards during Fire:**

No data available.

**Combustion Products from Fire:**

None known.

**Fire Fighting Procedures:**

None known.

**Special Instructions:**

Not determined.

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### 6 Accidental Release Measures

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**Personal Precautions:**

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

Spill Response:

Contain spill. Collect as much of the spilled material as possible.  
Clean up residue.

Methods for Disposal:

Dispose of waste product in a sanitary landfill. Dispose of completely cured (or polymerized) wastes in a sanitary landfill.

Special Instructions:

Individual container - wipe up area.

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7 Handling and Storage  
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Storage Requirements:

Store in a cool place. Avoid contact with water.

Incompatible Materials:

Store away from heat.

Ventilation:

Keep container in well-ventilated area.

Fire Prevention:

Not applicable.

Use Instructions:

See technical bulletin for instructions on use of this product.

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8 Exposure Controls/Personal Protection  
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Personal Protection  
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Eye Protection:

Avoid eye contact.

Skin Protection:

Avoid prolonged or repeated skin contact of grinding dust.

Respiratory Protection:

Avoid breathing of dust created by cutting, sanding, grinding or machining.

Ingestion (Prevention):

Do not ingest.

Recommended Ventilation:

Not applicable. Use with adequate dilution ventilation.

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Ingredient Exposure Data  
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ORGANIC FILLER (None)

Specific Ingredient Data: No data available.

LD50 (rat, oral)

: No data available.

LC50 (rat, inhalation/4 hours)

: No data available.

Exposure Limits

: No data available.  
 DICHLORODIMETHYLSILANE REACTION PRODUCT WITH SILICA (68611-44-9)  
 Specific Ingredient Data: No data available.  
 LD50 (rat, oral)  
 : No data available.  
 LC50 (rat, inhalation/4 hours)  
 : No data available.  
 Exposure Limits  
 : No data available.  
 TRIETHYLENE GLYCOL DIMETHACRYLATE (109-16-0)  
 LD50 (rat, oral): 10,837 mg/kg  
 LC50 (rat, inhalation/4 hours)  
 : No data available.  
 Exposure Limits  
 : No data available.  
 BISPHENOL A DIGLYCIDYL ETHER DIMETHACRYLATE (1565-94-2)  
 Specific Ingredient Data: No data available.  
 LD50 (rat, oral)  
 : No data available.  
 LC50 (rat, inhalation/4 hours)  
 : No data available.  
 Exposure Limits  
 : No data available.

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## 9 Physical and Chemical Properties

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Physical form,Color,Odour:	tooth coloured paste; slight acrylate odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not Available.
Vapour pressure:	Not applicable
Water Solubility:	Insoluble.
Specific gravity:	1.6
Vapour density:	Not applicable
Volatile organic compounds:	Not Available.

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Evaporation rate:	Not applicable
Viscosity:	Not applicable
Percent Volatile:	No data available.

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## 10 Stability and Reactivity

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Conditions to Avoid:  
 None known.  
 Materials to Avoid:  
 None known.  
 Hazardous Decomposition:  
 None known.

Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

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11 Toxicological Information

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Effects from Eye Contact:

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

Effects from Skin Contact:

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

Effects from Inhalation:

Health effects from inhalation are not expected unless product is heated. 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.

Effects from Ingestion:

Ingestion is not a likely route of exposure to this product. No health effects are expected.

Sensitization Information:

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

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

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No data available.

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12 Ecological Information

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Environmental Data:

Ecotoxicity Data:

No data available.

Ecofate Data:

Other Effects and Information:

Not determined.

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13 Disposal Considerations

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Product as Sold:

No data available.  
Product Packaging:  
No data available.  
Special Instructions:  
Since regulations vary, consult applicable regulations or  
authorities before disposal.

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14 Transportation Information  
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Transportation of Dangerous Goods  
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TDG Classification: Non-Regulated Material

International Dangerous Goods Classification  
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15 Regulatory Information  
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WHMIS Classification: Exempt (Dental Product)

NOTE:

This product has been classified in accordance with the hazard  
criteria of the Controlled Products Regulations (CPR) and the MSDS  
contains all the information required by the CPR.

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16 Other Information  
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Reason for Reissue:

The following Sections and topics have been updated or revised:  
Update Tradename (Obsolete product)

The information in this Material Safety Data Sheet (MSDS) is believed  
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fit for a particular purpose and suitable for user's method of use or  
application. Given the variety of factors that can affect the use  
and application of a 3M product, some of which are uniquely within  
the user's knowledge and control, it is essential that the user  
evaluate the 3M product to determine whether it is fit for a  
particular purpose and suitable for user's method of use or  
application.

---End---

