



## Material Safety Data Sheet

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**PRODUCT NAME:** 76810/76811 3M(TM) ESPE(TM) FILTEK(TM) SUPREME/ ELIPAR FREELIGHT  
PROMOTIONAL KIT  
**MANUFACTURER:** 3M  
**DIVISION:** 3M ESPE Dental Products  
**ADDRESS:** 3M Center  
St. Paul, MN 55144-1000

**EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)**

**Issue Date:** 02/11/2004  
**Supersedes Date:** Initial Issue

**Document Group:** 19-0528-0

**ID Number(s):**  
70-2011-2027-9, 70-2011-2028-7

**This product is a kit or a multipart product which consists of multiple, independently packaged components. An MSDS for each of these components is included. Please do not separate the component MSDSs from this cover page. The document numbers of the MSDSs for components of this product are:**

18-0179-4

No revision information is available.

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 3M(TM) ESPE(TM) FILTEK(TM) SUPREME UNIVERSAL RESTORATIVE  
**MANUFACTURER:** 3M  
**DIVISION:** 3M ESPE Dental Products

**ADDRESS:** 3M Center  
 St. Paul, MN 55144-1000

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

**Issue Date:** 06/29/2004  
**Supersedes Date:** 02/17/2004

**Document Group:** 18-0179-4

#### Product Use:

**Intended Use:** For use by dental professionals  
**Specific Use:** Composite restorative material

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
SILANE TREATED CERAMIC	444758-98-9	65 - 75
BISPHENOL A POLYETHYLENE GLYCOL DIETHER DIMETHACRYLATE	41637-38-1	5 - 15
DIURETHANE DIMETHACRYLATE	72869-86-4	5 - 15
SILANE TREATED SILICA	248596-91-0	5 - 10
BISPHENOL A DIGLYCIDYL ETHER METHACRYLATE	1565-94-2	1 - 10
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	<5
WATER	7732-18-5	<2

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Specific Physical Form:** Paste

**Odor, Color, Grade:** Tooth colored, slight acrylate odor

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** May cause allergic skin reaction.

#### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

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

**Skin Contact:**

Moderate 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.

**Inhalation:**

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

**Ingestion:**

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

**SECTION 4: FIRST AID MEASURES****4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

**If Swallowed:** Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**SECTION 5: FIRE FIGHTING MEASURES****5.1 FLAMMABLE PROPERTIES**

Autoignition temperature	<i>No Data Available</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits - LEL	<i>No Data Available</i>
Flammable Limits - UEL	<i>No Data Available</i>

**5.2 EXTINGUISHING MEDIA**

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Not applicable.

**Note:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:** Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Ventilate the area with fresh air. Collect as much of the spilled material as possible. Clean up residue. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

**In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.**

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

Avoid eye contact. Avoid skin contact. 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.

### 7.2 STORAGE

Store out of direct sunlight.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Not applicable.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields.

#### 8.2.2 Skin Protection

Avoid skin contact. See Sect. 7.1 for more information about skin protection.

#### 8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### 8.2.4 Prevention of Swallowing

Do not ingest.

### 8.3 EXPOSURE GUIDELINES

None Established

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Specific Physical Form:</b>	Paste
<b>Odor, Color, Grade:</b>	Tooth colored, slight acrylate odor
<b>General Physical Form:</b>	Solid
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Flammable Limits - LEL</b>	<i>No Data Available</i>
<b>Flammable Limits - UEL</b>	<i>No Data Available</i>
<b>Boiling point</b>	<i>Not Applicable</i>
<b>Density</b>	<i>No Data Available</i>
<b>Vapor Density</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	<i>Not Applicable</i>
<b>Specific Gravity</b>	1.9 [Ref Std: WATER=1]
<b>pH</b>	<i>No Data Available</i>
<b>Melting point</b>	<i>No Data Available</i>
<b>Solubility in Water</b>	Nil
<b>Evaporation rate</b>	<i>Not Applicable</i>
<b>Volatile Organic Compounds</b>	<i>Not Applicable</i>
<b>Percent volatile</b>	<i>Not Applicable</i>
<b>VOC Less H2O &amp; Exempt Solvents</b>	<i>Not Applicable</i>
<b>Viscosity</b>	<i>Not Applicable</i>

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

## SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its

components.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

Not determined.

### CHEMICAL FATE INFORMATION

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

**EPA Hazardous Waste Number (RCRA):** Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

### ID Number(s):

LE-F100-0079-5, 70-2010-3329-0, 70-2010-3330-8, 70-2010-3331-6, 70-2010-3332-4, 70-2010-3333-2, 70-2010-3334-0, 70-2010-3335-7, 70-2010-3337-3, 70-2010-3338-1, 70-2010-3339-9, 70-2010-3340-7, 70-2010-3341-5, 70-2010-3342-3, 70-2010-3343-1, 70-2010-3344-9, 70-2010-3345-6, 70-2010-3346-4, 70-2010-3347-2, 70-2010-3348-0, 70-2010-3349-8, 70-2010-3350-6, 70-2010-3351-4, 70-2010-3352-2, 70-2010-3353-0, 70-2010-3354-8, 70-2010-3355-5, 70-2010-3356-3, 70-2010-3357-1, 70-2010-3358-9, 70-2010-3359-7, 70-2010-3361-3, 70-2010-3362-1, 70-2010-3363-9, 70-2010-3364-7, 70-2010-3365-4, 70-2010-3366-2, 70-2010-3367-0, 70-2010-3369-6, 70-2010-3370-4, 70-2010-3371-2, 70-2010-3372-0, 70-2010-3373-8, 70-2010-3374-6, 70-2010-3375-3, 70-2010-3376-1, 70-2010-3377-9, 70-2010-3378-7, 70-2010-3379-5, 70-2010-3380-3, 70-2010-3381-1, 70-2010-3382-9, 70-2010-3383-7, 70-2010-3384-5, 70-2010-3385-2, 70-2010-3386-0, 70-2010-3387-8, 70-2010-3388-6, 70-2010-3400-9, 70-2010-3401-7, 70-2010-3402-5, 70-2010-3403-3, 70-2010-3408-2, 70-2010-3409-0, 70-2010-3410-8, 70-2010-3411-6, 70-2010-3412-4, 70-2010-3413-2, 70-2010-3414-0, 70-2010-3415-7, 70-2010-3416-5, 70-2010-3417-3, 70-2010-3418-1, 70-2010-3419-9, 70-2010-3420-7, 70-2010-3421-5, 70-2010-3422-3, 70-2010-3423-1, 70-2010-3424-9, 70-2010-3425-6, 70-2010-3426-4, 70-2010-3427-2, 70-2010-3428-0, 70-2010-3429-8, 70-2010-3430-6, 70-2010-3431-4, 70-2010-3432-2, 70-2010-3433-0, 70-2010-3434-8, 70-2010-3435-5, 70-2010-3436-3, 70-2010-3437-1, 70-2010-3438-9, 70-2010-3439-7, 70-2010-3440-5, 70-2010-3441-3, 70-2010-3442-1, 70-2010-3443-9, 70-2010-3444-7, 70-2010-3445-4, 70-2010-3446-2, 70-2010-3447-0, 70-2010-3448-8, 70-2010-3449-6, 70-2010-3450-4, 70-2010-3451-2, 70-2010-3452-0, 70-2010-3453-8, 70-2010-3454-6, 70-2010-3455-3, 70-2010-3456-1, 70-2010-3457-9, 70-2010-3458-7, 70-2010-3459-5, 70-2010-3460-3, 70-2010-3461-1, 70-2010-3462-9, 70-2010-3463-7, 70-2010-3464-5, 70-2010-3467-8, 70-2010-3469-4, 70-2010-3470-2, 70-2010-3472-8, 70-2010-3473-6, 70-2010-3474-4, 70-2010-3475-1, 70-2010-3476-9, 70-2010-3477-7, 70-2010-3478-5, 70-2010-3479-3, 70-2010-3480-1, 70-2010-3481-9, 70-2010-3483-5, 70-2010-3484-3, 70-2010-3485-0, 70-2010-3486-8, 70-2010-3487-6, 70-2010-3488-4, 70-2010-3489-2, 70-2010-3490-0, 70-2010-3491-8, 70-2010-3492-6, 70-2010-3493-4, 70-2010-3494-2, 70-2010-3606-1, 70-2010-3607-9, 70-2010-3608-7, 70-2010-3609-5, 70-2010-3611-1, 70-2010-3614-5, 70-2010-3615-2, 70-2010-3616-0, 70-2010-3617-8, 70-2010-3618-6, 70-2010-3619-4, 70-2010-3620-2, 70-2010-3621-0, 70-2010-3622-8, 70-2010-3623-6, 70-2010-3624-4, 70-2010-3627-1, 70-2010-3628-9, 70-2010-3629-7, 70-2010-3690-5, 70-2010-3691-3, 70-2010-3692-1, 70-2010-3693-9, 70-2010-3694-7, 70-2010-3695-4, 70-2010-3696-2, 70-2010-3697-0, 70-2010-3698-8, 70-2010-3699-6, 70-2010-3700-2, 70-2010-3701-0, 70-2010-3702-8, 70-2010-3723-4

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Contact 3M for more information.

#### 311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

### STATE REGULATIONS

Contact 3M for more information.

### 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.

### INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS 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 Reactivity: 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.

Revision Changes:

Section 16: NFPA hazard classification heading was modified.  
Section 15: 311/312 hazard categories heading was modified.  
Section 15: International regulations information was modified.  
Section 15: State regulations information was modified.  
Section 15: US federal regulations information was modified.  
Section 10: Hazardous polymerization heading was modified.  
Section 2: Ingredient table was modified.  
Section 16: NFPA explanation was modified.  
Section 15: Inventories information was modified.  
Section 12: Ecotoxicological information heading was modified.  
Section 12: Chemical fate information heading was modified.  
Section 16: NFPA hazard classification for special hazards was modified.  
Section 8: Exposure guidelines information - none - was modified.  
Section 12: Ecotoxicological phrase was modified.  
Section 12: Chemical Fate phrase was modified.  
Section 2: Ingredient phrase was added.

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