



## Safety Data Sheet

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<b>Document group:</b>	18-9356-9	<b>Version number:</b>	4.02
<b>Revision date:</b>	08/09/2010	<b>Supersedes date:</b>	31/05/2006
<b>Transportation version number:</b>	1.00 (08/09/2010)		

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or preparation

7322 3M™ ESPE™ EXPRESS™ VINYL POLYSILOXANE IMPRESSION MATERIAL REGULAR BODY

#### 1.2 Use of substance/preparation

Dental Impressions

#### 1.3 Company/undertaking identification

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk

#### 1.4 Emergency telephone number

+44 (0)1344 858 000

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

18-4003-2, 18-4009-9

### TRANSPORTATION INFORMATION

### KIT LABEL

**Symbols** None

#### **Contains:**

Consult the component labels for disclosable ingredients.

**Risk phrases**

**Safety phrases**None

**Special provisions concerning the labelling of certain substances**

**Notes on labelling****Revision information:**

No revision information is available.



## Safety Data Sheet

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<b>Document group:</b>	18-4003-2	<b>Version number:</b>	5.01
<b>Revision date:</b>	08/09/2010	<b>Supersedes date:</b>	06/09/2010
<b>Transportation version number:</b>	1.00 (06/09/2010)		

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or preparation

3M™ ESPE™ EXPRESS™ REGULAR BODY WASH BASE

LE-F100-0075-1

#### 1.2 Use of substance/preparation

Dental Product

#### 1.3 Company/undertaking identification

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk

#### 1.4 Emergency telephone number

+44 (0)1344 858 000

### 2. HAZARDS IDENTIFICATION

#### Risk phrases

3M This product is not classified as hazardous according to EU Directive 1999/45/EC.

#### Other hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by weight	Classification
Quartz	14808-60-7	EINECS 238-878-4	45 - 55	Xn:R48/20 (Vendor)
Siloxanes and silicones, Di-Me, vinyl group-terminated	68083-19-2		25 - 35	
Dimethyl methyl hydrogen silicone fluid	68037-59-2		5 - 10	
Dimethyl siloxane, reaction product with silica	67762-90-7		< 5	
C.I. Pigment Blue 28	1345-16-0	EINECS 310-	< 5	

**3M™ ESPE™ EXPRESST™ REGULAR BODY WASH BASE**

		193-6		
Siloxanes and silicones, di-Me	63148-62-9		< 5	R53 (3M)
Glycols,polyethylene,methyl 3-[1,3,3,3-tetramethyl-1-(trimethylsiloxy)disiloxanyl]propyl ether	27306-78-1		< 1	Xn:R48/20; Xi:R36; N:R51/53 (Vendor) Xn:R20 (3M)
GLYCOLS, POLYETHYLENE, ALLYL METHYL ETHER	27252-80-8		< 0.5	

Please see section 16 for the full text of any risk phrases referred to under headings 2 and 3 of this Safety Data Sheet.

**4. FIRST AID MEASURES**

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

**Inhalation**

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

**Skin contact**

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

**Eye contact**

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

**Ingestion**

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

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

**Unsuitable extinguishing media****Special exposure hazards**

No unusual fire or explosion hazards are anticipated.

**Special instructions for firefighters**

Wear full protective equipment and a self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel.

**Environmental procedures**

Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities.

**Methods for cleaning up**

Please observe precautions from other sections of this Safety Data Sheet. Collect as much of the spilled material as possible. Clean up residue.

**7. HANDLING & STORAGE**

**7.1 Handling**

Avoid eye contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.

**7.2 Storage**

Store in a cool, dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Exposure limit values**

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

**8.2 Exposure controls****8.2.1 Occupational exposure controls**

Use with appropriate local exhaust ventilation. Use in an enclosed process area is recommended. Not applicable.

**Respiratory protection**

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

**Hand protection**

Gloves not normally required.

Not determined

**Eye/face protection**

Avoid eye contact.

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

**Skin protection**

Avoid prolonged or repeated skin contact.

**Ingestion**

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Do not ingest. Wash hands after handling and before eating.

**8.2.2 Environmental exposure controls**

No data available.

**9. PHYSICAL/CHEMICAL PROPERTIES****9.1 General information**

Physical state	Solid.
Specific Physical Form:	Paste
Appearance/Odour	Characteristic odour, Purple

**9.2 Important health safety and environmental information**

pH	<i>Not applicable.</i>
Boiling point/boiling range	<i>Not applicable.</i>
Melting point	<i>No data available.</i>
Flammability (solid, gas)	Not available.

## 3M™ ESPE™ EXPRESST™ REGULAR BODY WASH BASE

Explosive properties	Not determined.
Oxidising properties	Not determined.
Flash point	<i>Not applicable.</i>
Flammable limits - LEL	<i>Not applicable.</i>
Flammable limits - UEL	<i>Not applicable.</i>
Vapour pressure	<i>Not applicable.</i>
Relative density	1.45 [Ref Std: WATER=1]
Water solubility	Nil
Partition coefficient: n-octanol/water	<i>Not applicable.</i>
Evaporation rate	<i>Not applicable.</i>
Vapour density	<i>Not applicable.</i>
Viscosity	130000 - 200 Pa-s
Density	1.4 - 1.5 g/cm <sup>3</sup>

### 9.3 Other information

Volatile organic compounds (VOC)	<i>Not applicable.</i>
Percent volatile	<i>No data available.</i>
VOC less H <sub>2</sub> O & exempt solvents	<i>Not applicable.</i>

## 10. STABILITY & REACTIVITY

Stable. Hazardous polymerisation will not occur.

### 10.1 Conditions to avoid

None known.

### 10.2 Materials to avoid

None known.

### 10.3 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

May be absorbed following inhalation and cause target organ effects.

### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.  
May be absorbed following ingestion and cause target organ effects.

### Eye contact

Mild eye irritation: Signs/symptoms may include redness, pain and tearing.

### Skin contact

Mild skin irritation: Signs/symptoms may include localised redness, swelling, and itching.

## **3M™ ESPE™ EXPRESST™ REGULAR BODY WASH BASE**

This product contains quartz silica. Quartz silica is a form of crystalline silica. Occupational exposure to inhaled crystalline silica has been associated with silicosis and lung cancer. No exposure to crystalline silica is expected during the normal handling and use of this product. This product also contains a cobalt compound as an impurity which is a recognized sensitizer of the skin and respiratory system. Cobalt compounds are also considered to be possible carcinogens (IARC Group 2B). Based on the physical form of this paste, the concentration present, exposure to cobalt compounds is not anticipated. Therefore, the health effects associated with cobalt compounds are not expected during the foreseeable use of this product.

## **12. ECOLOGICAL INFORMATION**

A conservative assessment indicates this product presents a low environmental risk because use and disposal are unlikely to result in the significant release of components to the environment.

### **12.1 Ecotoxicity**

No product test data available.  
No component test data available.

### **12.2 Mobility**

Please contact 3M for more details.

### **12.3 Persistence and degradability**

No test data available.

### **12.4 Bioaccumulative potential**

No test data available.

### **12.5 Results of PBT assessment**

No data available at this time, contact 3M for more details.

### **12.6 Other adverse effects**

No information available.

## **13. DISPOSAL CONSIDERATIONS**

**Waste disposal method:** Cure (harden, set, or react) the product according to product instructions. Dispose of waste product in a sanitary landfill. Dispose of waste product in a sanitary landfill after completely absorbing with an inorganic absorbent. Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, incinerate uncured product in an industrial or commercial incinerator in the presence of a combustible material. As a disposal alternative, incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

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

## **14. TRANSPORTATION INFORMATION**

## **15. REGULATORY INFORMATION**

**Symbols** None

**Contains:**  
Quartz

**Risk phrases**  
3M This product is not classified as hazardous according to EU Directive 1999/45/EC.

**Safety phrases**None

**Special provisions concerning the labelling of certain substances**

**Notes on labelling**

Product is not respirable, R48/20 not applied. Medical - exempt from DSD/DPD and CLP classification and labeling in most EU countries.

## **16. OTHER INFORMATION**

**List of relevant R-phrases**

R20	Harmful by inhalation.
R36	Irritating to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.

**Restrictions on use**  
For use by dental professionals only.

**Global inventory status**  
Contact 3M for more information.

**Revision information:**  
Revision Changes:  
Section 15: Label remarks was added.

DISCLAIMER: The information on this Safety Data Sheet is based on 3M's experience and is correct to the best of 3M's knowledge at the date of publication. 3M does not accept liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M United Kingdom MSDSs are available at [www.3M.com/uk](http://www.3M.com/uk)**





## Safety Data Sheet

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<b>Document group:</b>	18-4009-9	<b>Version number:</b>	3.01
<b>Revision date:</b>	08/09/2010	<b>Supersedes date:</b>	01/03/2007
<b>Transportation version number:</b>	1.00 (08/09/2010)		

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or preparation

3M™ ESPE™ EXPRESS™ REGULAR BODY WASH CATALYST

LE-F100-0075-3

#### 1.2 Use of substance/preparation

Dental Product

#### 1.3 Company/undertaking identification

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk

#### 1.4 Emergency telephone number

+44 (0)1344 858 000

### 2. HAZARDS IDENTIFICATION

#### Risk phrases

3M This product is not classified as hazardous according to EU Directive 1999/45/EC.

#### Other hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by weight	Classification
Quartz	14808-60-7	EINECS 238-878-4	50 - 60	Xn:R48/20 (Vendor)
Siloxanes and silicones, Di-Me, vinyl group-terminated	68083-19-2		35 - 45	
Dimethyl siloxane, reaction product with silica	67762-90-7		< 10	
Glycols, polyethylene, methyl 3-[1,3,3,3-tetramethyl-1-	27306-78-1		< 0.5	Xn:R48/20; Xi:R36; N:R51/53 (Vendor)

## 3M™ ESPE™ EXPRESSTM REGULAR BODY WASH CATALYST

(trimethylsiloxy)disiloxanyl]propyl ether

Xn:R20 (3M)

Please see section 16 for the full text of any risk phrases referred to under headings 2 and 3 of this Safety Data Sheet.

## 4. FIRST AID MEASURES

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

### Inhalation

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

### Skin contact

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

### Eye contact

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

### Ingestion

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

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

### Unsuitable extinguishing media

### Special exposure hazards

No unusual fire or explosion hazards are anticipated.

### Special instructions for firefighters

Wear full protective equipment and a self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel.

### Environmental procedures

Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities.

### Methods for cleaning up

Please observe precautions from other sections of this Safety Data Sheet. Collect as much of the spilled material as possible. Clean up residue.

## 7. HANDLING & STORAGE

### 7.1 Handling

Avoid eye contact. Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.

### 7.2 Storage

Store in a cool, dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Use with appropriate local exhaust ventilation. Use in an enclosed process area is recommended. Not applicable.

#### Respiratory protection

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

#### Hand protection

Gloves not normally required.

Not determined

#### Eye/face protection

Avoid eye contact.

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

#### Skin protection

Avoid prolonged or repeated skin contact.

#### Ingestion

Not applicable. Do not ingest. Wash hands after handling and before eating.

#### 8.2.2 Environmental exposure controls

No data available.

## 9. PHYSICAL/CHEMICAL PROPERTIES

### 9.1 General information

Physical state	Solid.
Specific Physical Form:	Paste
Appearance/Odour	Characteristic odour, Purple

### 9.2 Important health safety and environmental information

pH	<i>Not applicable.</i>
Boiling point/boiling range	<i>Not applicable.</i>
Melting point	<i>No data available.</i>
Flammability (solid, gas)	Not available.
Explosive properties	Not determined.
Oxidising properties	Not determined.
Flash point	<i>Not applicable.</i>
Flammable limits - LEL	<i>Not applicable.</i>
Flammable limits - UEL	<i>Not applicable.</i>
Vapour pressure	<i>Not applicable.</i>
Relative density	1.45 [Ref Std: WATER=1]

## 3M™ ESPE™ EXPRESSTM REGULAR BODY WASH CATALYST

Water solubility	Nil
Partition coefficient: n-octanol/water	Not applicable.
Vapour density	Not applicable.
Viscosity	No data available.
Density	1.4 - 1.5 g/cm <sup>3</sup>

### 9.3 Other information

Percent volatile	No data available.
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## 10. STABILITY & REACTIVITY

Stable. Hazardous polymerisation will not occur.

### 10.1 Conditions to avoid

None known.

### 10.2 Materials to avoid

None known.

### 10.3 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

May be absorbed following inhalation and cause target organ effects.

### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.  
May be absorbed following ingestion and cause target organ effects.

### Eye contact

Mild eye irritation: Signs/symptoms may include redness, pain and tearing.

### Skin contact

Mild skin irritation: Signs/symptoms may include localised redness, swelling, and itching.

This product contains quartz silica. Quartz silica is a form of crystalline silica. Occupational exposure to inhaled crystalline silica has been associated with silicosis and lung cancer. No exposure to crystalline silica is expected during the normal handling and use of this product.

This product also contains a cobalt compound as an impurity which is a recognized sensitizer of the skin and respiratory system. Cobalt compounds are also considered to be possible carcinogens (IARC Group 2B). Based on the physical form of this paste, the concentration present, exposure to cobalt compounds is not anticipated. Therefore, the health effects associated with cobalt compounds are not expected during the foreseeable use of this product.

## **12. ECOLOGICAL INFORMATION**

A conservative assessment indicates this product presents a low environmental risk because use and disposal are unlikely to result in the significant release of components to the environment.

### **12.1 Ecotoxicity**

No product test data available.  
No component test data available.

### **12.2 Mobility**

Please contact 3M for more details.

### **12.3 Persistence and degradability**

No test data available.

### **12.4 Bioaccumulative potential**

No test data available.

### **12.5 Results of PBT assessment**

No data available at this time, contact 3M for more details.

### **12.6 Other adverse effects**

No information available.

## **13. DISPOSAL CONSIDERATIONS**

**Waste disposal method:** Cure (harden, set, or react) the product according to product instructions. Dispose of waste product in a sanitary landfill. Dispose of completely cured (or polymerised) wastes in a sanitary landfill. Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, incinerate uncured product in an industrial or commercial incinerator in the presence of a combustible material. As a disposal alternative, incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

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

## **14. TRANSPORTATION INFORMATION**

## **15. REGULATORY INFORMATION**

**Symbols** None

**Contains:**

## 3M™ ESPE™ EXPRESST™ REGULAR BODY WASH CATALYST

No ingredients are assigned to the label.

### Risk phrases

3M This product is not classified as hazardous according to EU Directive 1999/45/EC.

**Safety phrases**None

### Special provisions concerning the labelling of certain substances

### Notes on labelling

Product is not respirable, R 48/20 not applied. Medical - exempt from DSD/DPD and CLP classification and labeling in most EU countries.

## 16. OTHER INFORMATION

### List of relevant R-phrases

R20	Harmful by inhalation.
R36	Irritating to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Restrictions on use

For use by dental professionals only.

### Global inventory status

Contact 3M for more information.

### Revision information:

No revision information is available.

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