

3M UK PLC
 3M CENTRE, CAIN RD,
 BRACKNELL, BERKSHIRE, RG12 8HT
 Tel: 01344 858000

3M IRELAND
 3M HOUSE, ADELPHI CENTRE,
 DUN LAOGHAIRE, CO. DUBLIN
 Tel: 01 2803509

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MATERIAL SAFETY DATA SHEET

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Document id : 11-2031-0 Issue date : 18/05/2004
 Version : 1.16 Supersedes date : 28/09/2000

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
 EXPRESS VINYL POLYSILOXANE REGISTRATION MATERIAL 6160J

3M Product ID:
 70-2004-7534-4

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
CALCIUM CARBONATE	471-34-1	35.0 - 40.0
QUARTZ SILICA	14808-60-7	35.0 - 40.0
Regulatory Lists: IARC(Group 1) IARC (Group 1) - Category:		
SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF		
RESPIRABLE SIZE)		
NTPCARCIN (Known human carcinogen) NTPCARCIN (Known human		
carcinogen) - Category: SILICA, CRYSTALLINE (AIRBORNE		
PARTICLES OF RESPIRABLE SIZE)		
EU Hazard Symbols and Risk Phrases: EU - Vendor Classified		
(Xn; R:48/20)		
SILOXANES AND SILICONES, DI-ME,	68083-19-2	15.0 - 25.0
VINYL GROUP-TERMINATED		
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	3.0 - 6.0
CHROMIUM OXIDE (CR2O3)	1308-38-9	Less Than 2.0

3 HAZARDS IDENTIFICATION

Critical hazards:
 None

4 FIRST-AID MEASURES

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

Skin Contact:

No need for first aid is anticipated in the event of skin contact.

Inhalation:

No need for first aid is anticipated.

Ingestion:

No need for first aid is anticipated.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, Carbon dioxide, Dry chemical

Hazardous Decomposition:

None known. MIX CATALYST AND BASE PARTS TOGETHER.

Fire-Fighting Procedures:

None known.

Special Instructions:

Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Methods for Cleaning up:

Collect as much of the spilled material as possible. Clean up residue. Place in a closed container approved for transportation by appropriate authorities.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Store in a cool place. Avoid contact with water to prevent potentially violent reaction or fire.

Incompatible Materials/Conditions:

Store away from heat.

Fire Prevention:

No smoking while handling this material.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Combustible liquid and vapour.

Precautions for Safe Handling:

Keep container tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact.

Hand Protection:
Not applicable.

Skin Protection:

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

Ingestion:
Do not ingest.

Recommended Ventilation:
Not applicable.

Exposure Limits:

CALCIUM CARBONATE (471-34-1)
UK HSE TWA: Total inhalable dust 10 mg/m³; Respirable dust 5 mg/m³ OES
QUARTZ SILICA (14808-60-7)
UK HSE TWA: 0.4 mg/m³ respirable dust MEL
WHITE MINERAL OIL (PETROLEUM) (8042-47-5)
CMRG TWA Exposure Limit: 5 mg/m³
CMRG STEL:: 10 mg/m³
CHROMIUM OXIDE (CR2O3) (1308-38-9)
UK HSE STEL: Chromium (III) compounds (as Cr) 0.5 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	High consistency pastes, green when mixed, no odour.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not determined
Flash point:	Not applicable
Autoflammability:	Not determined
Vapour pressure:	Not applicable
Water Solubility:	INSOLUBLE
Specific gravity:	1.7
Vapour density:	Not applicable
Volatile organic compounds:	Not determined
Evaporation rate:	Not applicable
Viscosity:	Not applicable
Percent Volatile:	

10 STABILITY AND REACTIVITY

Materials to Avoid:
None known.

Hazardous Decomposition:
Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

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

Effects from Skin Contact:
No adverse health effects are expected from skin contact.

Effects from Inhalation:
No adverse health effects are expected.

Effects from Ingestion:
No health effects are expected. Ingestion may cause:
Gastrointestinal Effects: Signs/symptoms may include stomach upset, nausea, vomiting and diarrhoea.

12 ECOLOGICAL INFORMATION

Other Effects and Information:
Not applicable.

13 DISPOSAL CONSIDERATIONS

Special Instructions:
Dispose of completely cured (or polymerised) wastes in a sanitary landfill. Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

UN NUMBER:

UN number:	Not restricted for transportation.
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UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

CDG-ROAD (if applicable)

ADR/RID CLASSIFICATION:

Class:

Item Number:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

15 REGULATORY INFORMATION

Disclosable Ingredients:

Symbol(s):
NoneRisk Phrases:
NoneSafety Phrases:
None-----
16 OTHER INFORMATION

Regulatory Information:

Reissue date/Reason for reissue.
Updated tradename.Intended Use of Product:
Impressioning material.

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