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MATERIAL SAFETY DATA SHEET

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Document id : 16-2693-6 Issue date : 03/03/2006
 Version : 5.02 Supersedes date : 03/03/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:

3M(TM)KETAC-FIL PLUS APLICAP / KETAC FIL PLUS POWDER

3M Product ID:

70-2011-0393-7, 70-2011-0394-5, 70-2011-0395-2, 70-2011-0396-0,
 70-2011-0397-8, 70-2011-0399-4

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
GLASS POWDER	65997-17-3	Approximately 100

3 HAZARDS IDENTIFICATION

Critical hazards:

None

4 FIRST-AID MEASURES

Eye Contact:

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

Skin Contact:

No need for first aid is anticipated.

Inhalation:

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

Ingestion:

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

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Non-combustible. Choose material suitable for surrounding fire.

Exposure Hazards:

No unusual fire or explosion hazards are anticipated. Material will not burn.

Hazardous Decomposition:

None known.

Fire-Fighting Procedures:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

Collect as much of the spilled material as possible. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities.

7 HANDLING AND STORAGE

Precautions for Safe Handling:

Observe precautions from other sections of this MSDS

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact. The following should be worn alone or in combination, as appropriate to prevent eye contact: Safety glasses with side shields.

Skin Protection:

Avoid prolonged or repeated skin contact. Gloves not normally required.

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:

GLASS POWDER (65997-17-3)

HSE WEL TWA: UK HSE TWA Exposure limit: 10mg/m3 as total inhalable dust.

UK HSE TWA Exposure limit: 4mg/m3 as total respirable dust.

3M TWA Exposure Limit: 10 mg/m3 as dust

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Solid fine powder (less than 10cm in diameter) different colours, odourless.
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:	Moderate
Specific gravity:	> 1, water = 1
Vapour density:	Not applicable
Volatile organic compounds:	Not applicable
Evaporation rate:	Not applicable
Viscosity:	Not applicable
Percent Volatile:	Not applicable

10 STABILITY AND REACTIVITY

Materials to Avoid:

None known.

Stability and Reactivity:

Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Effects from Skin Contact:

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

Effects from Inhalation:

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

Effects from Ingestion:

Ingestion may cause: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

12 ECOLOGICAL INFORMATION

Special statements for 2001/58/EC:

A conservative assessment indicates this product presents a low environmental risk. Components released to the environment through use and disposal are expected to have minimal environmental impact.

13 DISPOSAL CONSIDERATIONS

Special Instructions:

Dispose of waste product in a facility permitted to accept chemical waste. Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: Not restricted for transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

15 REGULATORY INFORMATION

Disclosable Ingredients:

None.

Symbol(s):

None.

Risk Phrases:

None.

Safety Phrases:

Avoid contact with the skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water.

16 OTHER INFORMATION

Regulatory Information:

The following UK Regulations as amended may affect the product as supplied: The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended. Carriage of Dangerous Goods by Road regulations, 1996, as amended. The Control of Substances Hazardous to Health Regulations 1999 as amended. The Special Waste Regulations 1996, as amended. The Environmental Protection Act, 1990 The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.

Deleted 3M stock numbers.

Intended Use of Product:

Restorative.

Limitations on Use of Product:

For use only by dental professionals

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satisfy themselves as to the suitability of the product for their own intended applications.

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