



MR. Dental Supplies Limited

4 MANOR WAY, OLD WOKING, SURREY, GU22 9JX, UK

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Material Safety Data Sheet

No.22

Company:	MR Dental Supplies Ltd 4 Manor Way Old Woking Surrey GU22 9JX England	Distributed by:	
Telephone:	+44 (0)1483 773282		
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- 1. Commercial Product Name:** Meadway Plaster Divider
- 2. Chemical Characterisation:** Silicate of Soda based product

3. Hazards Identification:

- 3.1 Principal Hazard:** An alkaline material which may cause irritation to eyes, respiratory system and skin.

4. First-Aid Measures:

- 4.1 Eyes:** Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
- 4.2 Inhalation:** Remove from exposure, rest and keep warm. In severe case, or if recovery is not rapid or complete seek medical attention.
- 4.3 Skin:** Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of skin is damaged or if irritation persists seek medical attention.
- 4.4 Ingestion:** Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

5. Fire Fighting Measures:

- | | |
|---|---|
| 5.1 Extinguishing Media: | |
| Suitable: | Use extinguisher suitable to cause of fire. |
| 5.2 Hazardous Combustion Products: | Not combustible. |

6. Accidental Release Measures:

- 6.1 Safety Precautions:** Wear appropriate PPE
- 6.2 Environmental Precautions:** If material enters drain or watercourses, dilute as much as possible and inform authorities immediately.
- 6.3 Clean up procedure:** Bund or absorb material with sand, earth or other suitable absorbant material. If possible, transfer to a salvage tank, otherwise absorb residues and place in suitable labelled containers and hold for waste disposal.

7. Handling and Storage:

- 7.1** Keep drums closed when not in use. Store in a good general ventilated area in ambient temperature.

8. Exposure Controls and Personal Protection:

- 8.1 Personal Protective Equipment:**
 - 8.1.1 Respiratory Protection:** Suitable respirator if mists are a problem.
 - 8.1.2 Hand Protection:** Impervious gloves.
 - 8.1.3 Eye Protection:** Goggles or face shield.
- 8.2 Industrial Hygiene:** Always wash thoroughly after handling chemicals.

Issue Number:	2	Date:	April 2011	Signed By:		Approved By:	
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Manufacturers of Meadway, Medi-Lux and V-Lux dental materials & products.
Also manufacturers of tooth-making equipment.
Registered in England No. 3299060



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9. Physical and Chemical Properties:

Tested in Accordance with:

9.1 Physical Form:

Colourless
liquid
Not
combustible

9.2 Flammability

9.3 Density:

(20 °C)

2.4 g/cm³

9.5 Solubility in Water:

(°C)

soluble g/l

10. Stability and Reactivity:

10.1 Stability: stable

10.2 Known Hazardous reactions: Solutions will react with new surfaces of Aluminium, Zinc, and their alloys to evolve Hydrogen.

10.3 Materials to avoid: Acids

11. Toxicological Information:

Ingestion may result in burning sensation in the mouth and throat, inability to swallow and irritation of gastrointestinal tract with nausea and vomiting. Irritating to eyes respiratory system and skin.

12. Ecological Information:

12.1 Mobility: Soluble in water.

12.2 Degradability: Readily depolymerize to molecular species indistinguishable from natural silica.

12.3 Aquatic toxicity: pH above acceptable limits for discharge to aqueous environment.

13. Disposal Information:

Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

14. Transport Information:

Not regulated for transport.

15. Regulatory Information:

15.1 Risk Phrases:

No risk phrases stipulated

15.2 Safety Phrases:

No safety phrases stipulated

16. Other information:

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

This Material Safety Data Sheet has been compiled according to the principles outlined in EC Directive 91/155/EC. The information contained does not constitute the users own assessment of workplace risks as required by other Health and Safety legislation. No claim is made for completeness and all applicable laws and regulations have to be considered.

IMPORTANT: USE IN THE MANUFACTURE OF MEDICAL DEVICES AND RELATED PRODUCTS.

MR Dental has performed no clinical testing on the use of this product in any medical application. MR Dental has no data to support the use of this product in any medical application. This product has been manufactured to a specification according to high standards of manufacturing practice. s supplies this product on the specific understanding that it is the sole responsibility of the medical device manufacturer to ensure that the medical device is both safe and fit for the intended purpose and that this product is suitable for use in its manufacture.

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