



MR. Dental Supplies Limited

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

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Material Safety Data Sheet

No.23

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 Coldcure Accelerator (DMPT)

2. Chemical Characterisation: N.N. Dimethyl para toluidine

3. Hazards Identification:

3.1 Principal Hazard: Aquatic pollution. Danger of serious damage to health by prolonged exposure in contact with the skin. Avoid exposure to the skin, may cause sensitisation. Avoid ingestion, harmful if swallowed.

4. First-Aid Measures:

4.1 Eyes and Skin: Rinse immediately with plenty of soap and water or shower. Remove contaminated clothing immediately. In case of eye contact rinse immediately with plenty of water.

4.2 Inhalation: Seek fresh air immediately. In serious cases rest, loosen clothing and seek medical advice.

4.3 Ingestion: Wash out mouth with water. Do not induce vomiting. Give water to drink. Seek medical attention.

5. Fire Fighting Measures:

5.1 Extinguishing Media:

Suitable: Water mist, foam, dry chemical, Carbon dioxide, or water spray or Halon. Keep containers and surroundings cool.

Not to be used: High pressure water jet.

5.2 Special Exposure Hazards: Will produce irritating and toxic fumes.

The following vapours may arise during fires:-

5.3 Dust cloud characteristics:

6. Accidental Release Measures:

6.1 Collect into Polythene or suitable container. Prevent dispersion, do not allow quantities to enter drains or other bodies of water. Avoid contact with eyes, skin and mouth.

7. Handling and Storage:

7.1 Prevent dispersion, avoid eye, skin, and mouth contact. Avoid inhaling dust. Use in a well ventilated area. Keep containers tightly closed when not in use. Keep in suitable containers in clean, cool dry areas away from direct sunlight. Keep away from sources of heat and ignition.

8. Exposure Controls and Personal Protection:

8.1 Personal Protective Equipment:

8.1.1 Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

8.1.2 Hand Protection: Neoprene or nitrile gloves.

8.1.3 Eye Protection: Chemical goggles.

8.2 Industrial Hygiene: Wash after handling, especially before eating, drinking or smoking.

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Product Name: Meadway Coldcure Accelerator (DMPT)

9. Physical and Chemical Properties:

9.1 Physical Form:

9.2 Odour:

9.3 Density:

Bulk Density:

9.4 Explosive properties: (for a similar polymer)

9.5 Solubility in Water:

9.6 Melting Range:

9.7 Flash point:

9.8 Ignition Temperature:

Pale straw
liquid
Slight amine

(20 °C)

N/A

g/cm³

N/A

kg/m³

N/A

bar.m.s⁻²

K_{st}

Tested in Accordance
with:

(Weak to moderately
explosible) ISO 6184/1-
1985

(°C)

Nil

g/l

About

N/A

°C

Approx. 98 °C

Approx. 200 °C

10. Stability and Reactivity:

10.1 Thermal Decomposition: Up to 200 °C

10.2 Hazardous Decomposition Products: Combustion will generate oxides of carbon, Carbon dioxide, carbon monoxide.

10.3 Hazardous Reactions: Strong acids, bases and strong oxidising products.

11. Toxicological Information:

Dmpt is absorbed through the skin. Inhalation can also be a route into the body. It is irritating to eyes, skin and mucous membranes.

12. Ecological Information:

Avoid subsoil penetration. Do not let product enter drains. Do not contaminate surface water.

13. Disposal Information:

Dispose of in accordance with local and national regulations. Incineration is recommended. Can be land filled.

14. Transport Information:

This product does not fall under the transportation classification for dangerous substances.

15. Regulatory Information:

15.1 Risk Phrases:

R 23/24/25, R33, R52/53, S28, S36/37, S45

15.3 Hazard Symbols:

T - Toxic

16. Other information:

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548, and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

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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. MR Dental 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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☐ Manufacturers of Meadway, Medi-Lux and V-Lux dental materials & products.
Also manufacturers of tooth-making equipment.
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