

MTS Adhesive

EN MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY:

1.1 Product: MTS Adhesive

1.2 Use of the preparation: Adhesive for relining materials.

1.3 Company identification: Major Prodotti Dentari Spa - Contact: Mr. Filippo Berrutti (tel. +390116400211)

- Indirizzo: via Einaudi 23, 10024 Moncalieri ITALY

1.4 Emergency telephone: +390266101029 Centro Antivelemi Ospedale Niguarda (Cà Granda Piazza Ospedale Maggiore 3 - 20162 Milano). Always contact the nearest hospital or medical center.

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Composition:	EC	INDEX No.	CAS
Poli-methylmethacrylate	201-297-1	103297	80-62-6
Ethylacetate	205-500-4	607-022-00-5	141-78-6

3. HAZARDS IDENTIFICATION:

3.1 Main Hazard: The product is highly flammable, irritating to eyes and skin.

4. FIRST AID MEASURES:

It is suggested to consult a doctor showing this material safety data sheet.

4.1 Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen

4.2 Ingestion: Wash out mouth with water provided if person is conscious. Do not induce vomit. Immediately consult a doctor.

4.3 Eye contact: Wash eyes with copious amount of water. Assure adequate flushing of the eyes (15' at least) by separating the eyelids with fingers.

4.4 Skin contact: Remove contaminated clothings. Wash skin with water for 15' at least.

5. FIRE-FIGHTING MEASURES:

5.1 Suitable extinguishing media: Chemical foam, CO₂, dry powders.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions: Switch off engines, lights or any electrical apparatus nearby. Remove any ignition source. Do not smoke. Pay attention to vapours concentration indoors; ventilate interested areas.

6.2 Environmental precautions: Do not empty into drains. Avoid disposal to the environment.

6.3 Methods for cleaning up: Pick up mechanically.

7. HANDLING AND STORAGE:

7.1 Handling: Close containers immediately after use. Avoid vapours generation. Do not breathe in vapours. Provide working areas to be well-ventilated. Wash hands after handling if protective gloves are not used. Do not smoke while manipulating; take precautionary measures against fires.

7.2 Storage: Keep away from light, heat and ignition sources, in a cool and dry place.

7.3 Shelf life: Expiry date is indicated on every package.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Do not breathe in vapours. Avoid direct contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES:

- * Form: Liquid
- * Colour: Transparent
- * Odour: Intense, acry
- * pH: not applicable
- * Boiling Point: < 77°C
- * Water solubility: insoluble (at 20°C)
- * Flash Point: -4°C
- * Autoflammability: 460°C
- * Density: 0,9 g/cm³
- * Vapour pressure: 97 hPa at 20°C
- * Lower Explosion Limit (vapours): 2,1%
- * Upper Explosion Limit (vapours): 11,5%

10. STABILITY AND REACTIVITY:

Vapours can form an explosive mixture in contact with air.

11. TOXICOLOGICAL INFORMATION:

Acute effects: LD 50: 5000 mg/kg rat

Irritating effect on skin: The product has a decreasing effects on the skin.

Irritating effect on eyes: The product may cause irritations.

12. ECOLOGICAL INFORMATION:

Do not empty into drains or to the environment unmonitored.

13. DISPOSAL CONSIDERATIONS:

This material is a special waste. Do not dispose as a urban waste and do not empty into drains. Collect and dispose into appropriate containers and set for final disposal.

European Waste Inventory (2000/532/EC): 180106 Wastes from maternity, diagnosis and prevention of the illness in the humans - Waste chemicals and medicines.

Caution!: For using and disposing, observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION:

Transport in the original closed containers, at a temperature below 30°C, away from light or heat sources. Keep away from ignition or heat sources. Take precautionary measures against static discharges.

Forwarding codes:

Forwarding name: Ethylacetate.

By Land:

- * GGVS/ADR: Class 3 - pack group II
- * GGVS/RID: Class 3 - pack group II

By Sea:

- * IMDG/GGVSea-Code: 3
- * EmS: Class 3-07 - pack group II

By Air:

- * ICAO/IATA-DGR: Class 3 - pack group II
- * UN-/ID-#:1173

15. REGULATORY INFORMATION:

Labelling: for dangerous substances or preparation.

- * MTS Adhesive: Ethylacetate



F+
Highly
Flammable

Risk phrases (R):

R11: Highly flammable.

Safety phrases (S):

S16: Keep away from sources of ignition. Do not smoke.

S23: Do not breathe in vapours.

Caution!: observe all federal, state and local regulations.

16. OTHER INFORMATION:

This Material Safety Data Sheet has been compiled according to EEC Directives 91/155 and 93/112. This Information is believed to be correct according to the sources available. Please contact the manufacturer for any other information on products safety. In any case, the manufacturer does not grant any explicit or implicit warranty or liability on using the informations given above. Users must control the conformity of these informations for any specific use. This information does not represent a definition of working place hazards falling under local Laws or Directives. All local, federal and state Laws and Directives must be observed to use and dispose the above described product.

Update: 01-2004