



SCHEMA SICUREZZA (Medical Safety Data Sheet)

Revisione 2 Pagina 1 di 3
Rif. ISO 9002 §/ /EN 46002 § 4.2
Modello 5/1 Revisione 1
Data 25/11/2019
MSDS E-E_REV1.docx

SAFETY DATA SHEET

PRODUCT

ADHESIVE LIGHT CURE

1. IDENTIFICATION OF THE MATERIAL

| Hazardous Components | C.A.S. # | Classification | WT % |
|---|-------------|---|-------|
| Dental Glass, Silanated | 65997-17-3 | H335 | 60-90 |
| 2-Propenoic acid, 2-methyl-, (1,6-hexanediyl ester | 6606-59-3 | Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE (Respiratory), H335 | 5-10 |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) bis[4,1-phenyleneoxy (2-hydroxy-3,1-propanediyl)] ester | 1565-94-2 | Skin Irrit. 3, H316 Eye Irrit. 2B, H320 | 30-65 |
| Silica, amorphous, fumed, crystalline-free | 112945-52-5 | Not classified | 1-5 |

2. CHEMICAL INFORMATION / HAZARDOUS INGREDIENTS

Chemical family: Bisphenol A Diglycidyl Methacrylate (CAS #001565-94-2)
Triethylene Glycol Dimethacrylate (CAS # 109-16-0)

3. HEALTH HAZARD DATA

Carcinogenicity: None Known.
Signs or Symptoms of exposure: Irritation, Dyspepsia, Nausea and Vertigo.

4. FIRST AID PROCEDURE:

Ingestion: If substantial quantities are involved, or in case of noticeable discomfort, drink large quantities of water and consult physician immediately.
Skin contact: Flush with water; consult physician immediately in case of lasting noticeable skin response.
Eye contact: Flush with water; consult physician immediately if irritation or disturbance in vision occurs.
Inhalation: If overexposure occurs and symptoms appear, consult a physician.

5. FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: Foam, Carbon dioxide or dry materials
Fire and Explosion hazard: none
Special Fire Fighting Procedures: none

6. SPILL OR LEAK PROCEDURE


In case of material spill or release, absorb with inter material such as dry sand and place in closed container for disposal as solid waste.

7. HANDLING AND STORAGE

Store in a cool dry place, avoid storage at storage at elevated temperatures.
Keep materials capped all the time after use.

ORTHODONTIC MANUFACTURER SIA SRL

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| Personal Precautions, Protective Equipment and Emergency Procedures: |
| Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing. |
| Environmental Precautions: |
| Prevent entry into sewers and waterways. Report releases as required by local, state, and national authorities. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Wear appropriate protective clothing. |
| Methods and Material for Containment and Cleaning up: |
| Clean up with absorbent material and remove residue with alcohol damp wipe. Rinse spill area with water. Use non-sparking tools and equipment. |

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| Exposure Controls: |
| Appropriate Engineering Controls: None required under normal product handling conditions. |
| Individual Protection Measures (PPE): |
| Specific Eye/face Protection: Chemical safety goggles should be worn if needed to avoid eye contact. |
| Specific Skin Protection: Wear impervious gloves such as natural rubber or neoprene if needed to avoid skin contact. Consult glove supplier for thickness and breakthrough times. |
| Specific Respiratory Protection: None should be needed under normal use. If exposure limits are exceeded an approved respirator or supplied air respirator appropriate should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene |

9. PHYSICAL AND CHEMICAL DATAS

| | |
|----------------------|------------------|
| Appearance: | solid |
| Colour: | Clear pale |
| Odor: | Faint resin odor |
| Solubility in water: | Negligible |
| Melting point: | N/A |
| Boiling Point: | N/A |
| Flash point: | N/A |
| Vapor Density: | N/A |
| Specific Gravity: | N/A |

10. STABILITY AND REACTIVITY

| | |
|--------------------------|---|
| Conditions to avoid: | High temperatures for a long time, prolonged storage above 35°C, direct sunlight and high intensity light |
| Incompatibility: | High temperatures, visible light sources, strong oxidizing agents. Keep away from sunlight and open flames. |
| Hazard Polymerisation: | May occur |
| Hazardous Decomposition: | Oxides of carbon when burned. |
| Stability: | Stable |

11. TOXICOLOGICAL INFORMATION

| | |
|--|--------------------------------|
| Silica, amorphous fumed, crystalline-free (112945-52-5) | |
| LD50 oral rat | 5000 mg/kg |
| ATE (oral) | 5000 mg/kg |
| Skin Corrosion/irritation | Causes skin irritation |
| Serious eye damage/irritation | Causes serious eye irritation. |

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| Respiratory or skin sensitization | May cause an allergic skin reaction |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |

12. ECOLOGICAL INFORMATION

no ecological effects are known

13. DISPOSAL INFORMATION

Regulations: Dispose in accordance with all applicable state, regional (federal) and local regulations

Properties Affecting Disposal: None currently known

Waste Treatment Recommendations: Dispose in accordance with national and local regulations

14. NOTES ON TRANSPORT

Not dangerous according to current transportation regulations.

15. REGULATIONS:

Identification according to EC-Directive: no obligatory indication

16. MISCELLANEOUS

N/A = Not Applicable

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The manufacturer assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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