

SAFETY DATA SHEET

PRODUCT
ADHESIVE SELF CURE

1. IDENTIFICATION OF THE MATERIAL

Hazardous Components	C.A.S. #	Classification	WT %
Triethylene Glycol Dimethacrylate	109-16-0	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. (Cat. 3), H316 Eye Irrit. (Cat. 2A), H319	30-65
<i>iso</i> -Butyl Methacrylate	97-86-9	Skin Irrit. (Cat. 3), H316 Eye Irrit. (Cat. 2A), H319	10-30
Benzoyl Peroxide	94-36-0	Organic Peroxides (Type B), H241 Eye Irritation (Cat. 2A), H319 Skin Sensitization (Cat 1), H317	1-5
N,N-Bis(2-Hydroxyethyl)-p-Toluidine	3077-12-1	Skin Irrit. (Cat. 3), H316 Eye Irrit. (Cat. 2A), H319	
Silica	7631-86-9	H335	60-90

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

ORTHODONTIC MANUFACTURER SIA SRL

Sede Legale: Via Aristide Leonori, 113 - 00147 Roma **Uffici e Stabilimento:** Zona Ind.le snc - 81050 Rocca d'Evandro (CE) Italy
Recapiti: Tel: +39 (0)823 908029 Fax: +39 (0)823 908028 **Email:** info@siaorthodontics.com - www.siaorthodontics.com

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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.

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

Specific Thermal Hazards: None required.

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

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ATE (oral)	5000 mg/kg
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Skin Corrosion/irritation	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation.
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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