



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 25/11/2018
MSDS E1-E_REV1.docx

SAFETY DATA SHEET

PRODUCT

ADHESIVE BAND 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

HAZARD CLASSIFICATION: Harmful if swallowed. Irritating to eyes and respiratory system. Can irritate sensitive skin.
May cause sensitization after prolonged skin contact.

4. FIRST AID PROCEDURE:

Skin: Wash off with soap and water. Remove contaminated clothing. If irritation persists consult a physician.
Ingestion: Do not induce vomiting, seek medical attention.
Eyes: Flush with plenty of water. Seek medical attention by an ophthalmologist.
Inhalation: Remove to fresh air, give oxygen and seek immediately medical attention

5. FIRE AND EXPLOSION HAZARD DATA

The product is not considered to be a fire hazard. The information below are given for extinguishing a fire generated by other sources.
Suitable extinguishing Media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.
Forbidden extinguish Media: Unknown
Special Exposure Hazards: None. Wear self contained breathing equipment.
Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.
Special Protection Equipment: Self contained breathing apparatus if toxic fumes are generated.

6. SPILL OR LEAK PROCEDURE

In case of material spill or release, absorb with inert 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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Handling: Avoid unnecessary exposure.
Storage: Room temperature, preferably cool, dry place, out of sunlight. Keep away from sources of ignition.
Containers: Supplied by manufacturer.
Incompatibilities: Peroxides, Amines, Oxidizing or Reducing Agents.
Other Precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

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

9. PHYSICAL AND CHEMICAL DATAS

Appearance:	Blue medium viscosity paste.	Explosion Limits:	Not determined
Vapor Density	Not determined	Flash Point:	Not determined
Odor	Slightly acrylic	Water solubility:	Insoluble
Vapor Pressure	Not determined	Specific Gravity	1.85 g / ml.
Boiling Point:	Not determined	Evaporation Rate:	Not determined

10. STABILITY AND REACTIVITY

Stability: Stable in normal storage conditions
Conditions to avoid: Temperatures over 40 °C, sources of ignition and contamination
Materials to avoid: Oxidizing agents, chlorine compounds, chloroform, alkalis, acids.
Hazardous Decomposition Products: Carbon Oxides
Hazardous Polymerization Products: May occur

11. TOXICOLOGICAL INFORMATION

Silica, amorphous fumed, crystalline-free (112945-52-5)	
LD50 oral rat	5000 mg/kg
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

Ingestion: Uncured material may be harmful or fatal if swallowed.
Eye contact: May cause irritation and damage if not removed promptly.
Skin Contact: May cause irritation or rash for persons with preexistent skin sensitivity.
Inhalation: Prolonged or excessive inhalation may cause respiratory track irritation.
Prolonged exposure: N/A

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

SEA TRANSPORTATION ROAD / RAILWAY TRANSPORTATION:
Substances determining Hazard: none RID/ADR N/A - IMCO # N/A Class N/A - UN # N/A Hazard Identification # N/A
AIR TRANSPORTATION Substance Identification # N/A - ICAO/IATA Class N/A Hazard Label N/A
Substances determining Hazard: none

15. REGULATIONS:

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.
Hazard Classification Symbol: Xn - R22 Harmful if swallowed. - R36/37/38 Irritating to eyes, respiratory system and skin
R43 May cause sensitization by skin contact - S36 Wear protective clothing - Ingredients Determining the label: Uncured Methacrylate Esters

16. MISCELLANEOUS

N/A = Not Applicable

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.
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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