

DENTSPLY Maillefer North America

1. Product and Company Identification

Product Name T.E.R.M. [®] Temporary Endodontic Restorative Material	MSDS Code Number 670300-670302 All package configurations
Trade Name & Synonyms T.E.R.M. [®] Temporary Endo Restorative Material	Date of Last Revision 3-7-02
Chemical Name No name assigned to mixture	Manufacturer Manufactured for DENTSPLY Maillefer North America
C.A.S. Number None assigned	Address 5100 E. Skelly Drive, Suite 300 Tulsa, Oklahoma 74135-6546
Grades or Minor Variant Identities None	Information Telephone Number 1-800-924-7393
Product Use (for Canada) Temporary Endo Restorative Material for dental use	Emergency Telephone Number 1-800-924-7393

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Aluminum Oxide	1344-28-1	10mg/m ³	Less than 2 %
Silica amorphous	7631-86-9	2 mg/m ³	Less than 10 %
Silica fused	60675-86-0	0.1 mg/m ³	Less than 15 %
Barium aluminoborosilicate glass	65997-17-3	15 mg/m ³	Less than 60 %
Urethane dimethacrylate resin	105883-40-7	N.E.	Less than 25 %

3. Hazard Identification

Emergency Overview: Avoid contact with eyes. Material may be a skin irritant. Susceptible persons with known allergies to methacrylates and acrylates may develop allergic response.					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Can cause eye irritation and possible corneal damage	Single	Mild		
Skin	Exposure can cause irritation. Material may be a skin irritant. Susceptible persons with known allergies to methacrylates and acrylates may develop allergic response.	Single	Mild		
Inhalation					
Ingestion	If swallowed, give 2 glasses of water to drink.	Single	Mild		
Other					
Medical Conditions Aggravated by Exposure Open sores and wounds of the skin. Individuals with known sensitivity to methacrylates, acrylates, or urethane dimethacrylates.					
Carcinogenicity (IARC, NTP) IARC- Not listed. NTP-Not listed. OSHA regulated- No					
Potential Environmental Effects- None known.					

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4. First Aid Measures			
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	In case of eye contact, flush with flowing water for 15 minutes.	Get immediate medical attention immediately even if no symptoms develop	
Skin	Wash skin with soap and water.	Get immediate medical attention.	
Inhalation			
Ingestion	If swallowed, give 2 glasses of water to drink.	Get immediate medical attention.	
Other			
Note to Physicians (Treatment, Testing, and Monitoring)			

5. Fire and Explosion Data			
Flashpoint Method: N.A.	Flammable (Explosive) Limits in Air LEL N.A. UEL N.A.	Auto ignition Temperature N.A.	Other None
Flame Propagation or Burning Rate (for solids) None	Properties Contributing to Fire Intensity None known	Flammability Classification	
Extinguishing Media Water spray, carbon dioxide, foam or dry chemical.		Extinguishing Media to Avoid None	
Protection and Procedures for Firefighters Firefighters should wear full protective clothing including a self contain breathing apparatus.			
Unusual Fire and Explosion Hazards During a fire, irritating gas may be present from the decomposition of the dimethacrylate resins.			

6. Accidental Release Measures
Containment Techniques Discard in trash.
Spill/Leak Clean-Up Procedures and Equipment Wipe up with rags immediately. Discard in trash. Dispose of container and unused contents in accordance with federal, state and local requirements.
Evacuation Procedures
Special Instructions
Reporting Requirements

7. Handling and Storage
Handling Practices and Warnings Handling of this product should be by trained dental healthcare professionals only.
Storage Practices and Warnings Store in a dry area, away from direct sunlight. Maximum storage temperature is 50 degrees Celsius (122 degrees Fahrenheit) Normal storage is at room temperature. Store away from food and beverages. Observe normal warehouse handling procedures.

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8. Exposure Control/Personal Protection		
Ventilation None required during normal intended use of this product.	Other Engineering Controls	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Protective goggles	
Skin	Protective latex or vinyl gloves. Chemically resistant apron or other impervious clothing.	
Inhalation	None required during normal use of this product.	
General Hygiene Considerations and Work Practices Observe normal care when working with chemicals. Avoid eye and skin contact, inhalation and ingestion. Do not eat, drink or smoke when using.		
Protective Measures During Repair and Maintenance of Contaminated Equipment		
Other Protective Measures and Equipment		

9. Physical and Chemical Characteristics		
Appearance Creamy paste.	Odor Sweet acrylic ester odor.	
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)	Boiling Point <u>N.A.</u> Melting Point <u>N.E.</u> Freezing Point	
Specific Gravity or Density (H ₂ O=1) 2.2g/cm ²	Solubility in Water Not soluble	pH
Vapor Pressure (mm Hg.) N.A.	Vapor Density (AIR= 1) N.A.	Evaporation Rate (Butyl Acetate = 1) N.A.
Other		

10. Stability and Reactivity Data	
Incompatibility (Materials to Avoid) Strong oxidizing materials	
Hazardous Products Produced During Decomposition Irritating gases, CO and CO ₂	
Hazardous Polymerization? <input type="checkbox"/> May Occur X May Not Occur	Conditions to Avoid Elevated temperatures and oxidizing materials. Product is sensitive to visible light and will harden if exposed to visible light. Heat greater than 50 degrees Celsius.
Stability? X Stable <input type="checkbox"/> Unstable	Conditions to Avoid Bright visible lights on paste, elevated temperatures above 50 degrees Celsius (122 degrees Fahrenheit).

11. Toxicological Information
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data

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12. Ecological Information
Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements No information found

13. Disposal Considerations
Regulations Dispose of container and unused contents in accordance with federal, state and local requirements.
Properties (Physical/Chemical) Affecting Disposal

14. Transport Information		
Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No	Proper Shipping Name	Packing Group
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No	Hazard Class	Identification Number N.A.
Other none		

15. Regulatory Information
Federal Regulations
International Regulations
Other

16. Other Information

970300 (R-06-26-08)

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