

**DENTSPLY/International
DENTSPLY/Caulk
Material Safety Data Sheet**

531898

1. Product and Company Identification	
Product Name PRISMA® GLOSS™ & PRISMA® GLOSS™ ExtraFine	MSDS Code Number 531898
Trade Name & Synonyms PRISMA® GLOSS™ & PRISMA® GLOSS™ ExtraFine	Date of Last Revision 01/03/07
Chemical Name N. A.	Manufacturer DENTSPLY/Caulk
C.A.S. Number N. A.	Address 38 West Clarke Avenue Milford DE 19963-1805 http://www.caulk.com
Grades or Minor Variant Identities N. A.	Information Telephone Number (302) 422-4511 (8:00 AM – 4:30 PM Eastern Time)
Product Use (for Canada) N. A.	Emergency Telephone Number (302) 422-4511 (8:00 AM – 4:30 PM Eastern Time)

2. Composition Of Ingredients			
Hazardous Components	C.A.S. Number	Exposure Limits	%
Aluminum Oxide	1344-28-1	10 mg/M ³	< 65
Glycerine	56-81-5	10 mg/M ³	< 50
Hydrophobic Amorphous Fumed Silica	68611-44-9	3 mg/M ³	< 5

3. Hazard Identification					
Emergency Overview: Material may be irritating to eyes. No significant hazards for emergency responses are known.					
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	Material may cause slight transient (temporary) irritation.	Single & Repeated	Moderate	Irritation and possible corneal damage due to the fillers used in the product.	N. A.
Skin	Material may be an irritant after repeated and prolonged exposure.	Repeated	Mild	Irritation or possible allergic response.	N. A.
Inhalation	Vapors are minimal due to physical properties.	N. A.	N. A.	N. A.	N. A.
Ingestion	Material is probably not harmful if swallowed	N. A.	Mild	N. A.	N. A.
Other	N. A.	N. A.	N. A.	N. A.	N. A.
Medical Conditions Aggravated by Exposure Open sores and wounds of the skin.					
Carcinogenicity NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No All components of this product are in compliance with the inventory listing Requirements of the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.					
Potential Environmental Effects Do not allow to enter sewers/ surface or ground water.					
NFPA Hazard Classification Ratings (Scale 0-4), Health = 1, Fire = 0, Reactivity = 0					

4. First Aid Measures			
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Rinse opened eye for several minutes under running water. If symptoms persist consult physician	N. A.	N. A.
Skin	Immediately wash with soap and water and rinse thoroughly.	N. A.	N. A.
Inhalation	Supply fresh air, consult physician if symptoms persist.	N. A.	N. A.
Ingestion	If symptoms persist consult physician. Do not induce vomiting unless instructed to do so by medical personnel.	N. A.	N. A.
Other	N. A.	N. A.	N. A.
Note to Physicians (Treating, Testing and Monitoring): Treat symptomatically.			

DENTSPLY/International
DENTSPLY/Caulk
Material Safety Data Sheet

5. Fire and Explosion Data			
Flashpoint Method: 390°F (199°C) for Glycerine. Pensky-Martin Closed Cup	Flammable (Explosive) Limits in Air LEL: N. A. UEL: N. A.	Autoignition Temperature: 698°F (370°C)	Other: N. A.
Flame Propagation or Burning Rate (for Solids) N. A.	Properties Contributing to Fire Intensity: N. A.	Flammability Classification: N. A.	
Extinguishing Media: CO ₂ , Water fog or fine spray, foam, carbon dioxide or alcohol resistant foams (ATC Type).		Extinguishing Media to Avoid: Water with full jet.	
Protection and Procedures for Firefighters: Firefighters should wear self-contained respiratory protective devices.			
Unusual Fire and Explosion Hazards: During a fire, smoke may contain glycerine in addition to unidentified toxic and/or irritating compounds.			
Hazardous combustion products may include but not limited to aldehydes, carbon monoxide and carbon dioxide.			

6. Accidental Release Measures
Containment Techniques: Material is a high viscosity paste, but will flow somewhat.
Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container.
Evacuation Procedures: N. A.
Special Instructions: N. A.
Reporting Requirements: N. A.

7. Handling and Storage
Handling Practices and Warnings: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals.
Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Store away from food and beverages. Glycerine freezes at 64°F (18°C). Product should be kept above 64°F (18°C) but less than 130°F (54°C).

8. Exposure Control / Personal Protection		
Ventilation: None required during normal intended use of this product		Other Engineering Controls: N. A.
Routes of Entry	Personal Protective Equipment (PPE) for Normal Use	PPE for Emergencies
Eye/Face	Safety Glasses	N. A.
Skin	The glove material has to be impermeable and resistant to the product.	N. A.
Inhalation	Not Required	N. A.
Body Protection	Protective work clothing	N. A.
General Hygiene Considerations and Work Practices: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at end of work. Avoid contact with the eyes and skin.		
Protective Measures During Repair and Maintenance of Contaminated Equipment: N. A.		
Other Protective Measures and Equipment: N. A.		

9. Physical and Chemical Characteristics		
Appearance: Creamy viscous white paste.		Odor: Mild odor.
Normal Physical State: High Viscosity Liquid (Paste)		Melting Point: N. A.
Specific Gravity: 1.7 g/cm ³	Solubility in Water: Partially soluble	pH: N. A.
Vapor Pressure (mm Hg): N. A.	Vapor Density (AIR=1): 3.1	Evaporation Rate (Butyl Acetate =1) N. A.
Other: N. A.		

10. Stability and Reactivity Data	
Incompatibility (Materials to Avoid): Strong Oxidizing materials such as Sodium Hypochlorite or Hypochlorous Acid	
Hazardous Products Produced During Decomposition: Acrolein.	
Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid: None known
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: None known

11. Toxicological Information
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: For ingestion, the LD ₅₀ for glycerine in Rats is 17,000 – 27,000 mg/Kg.

DENTSPLY/International
DENTSPLY/Caulk
Material Safety Data Sheet

12. Ecological Information

Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class I (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system.

13. Disposal Considerations

Regulations: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations
 Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container.

14. Transport Information

Regulated for Shipping: No. Not Regulated	DOT Shipping Name: Not Regulated	Packing Group: N. A.
Do Changes in Quantities, packaging, or shipment method change product classification? No	DOT Hazard Class N. A.	UN Number: N. A.

15. Regulatory Information

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. State Regulations California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.

Canada WHMIS, Workplace Hazardous Materials Information System: This product is not a controlled product.

International Regulations: Canadian Environmental Protection Act: This product is a medical device and not subject to chemical notification requirements.

European Community Labeling: Not a dangerous preparation.

European Inventory of New and Existing Chemicals Substances (EINECS): This product is a medical device and not subject to chemical notification requirements.

Other: N. A.

16. Other Information

To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex.
 All components are synthetically produced; none are derived from animal products.