



**MATERIAL SAFETY DATA Vista Dental Products  
Porcelain Silane**

**1. Chemical Product and Company Identification**

Company Name: Inter-Med, Inc. /Vista Dental Products  
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Racine, WI 53404  
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**2. Composition / Information of Hazardous Ingredients**

Material	%	CAS#	Hazard Identification & Risk Phrases
Ethyl Alcohol	97	64-17-5	F, R11
Glycidoxypropyltrimethoxysilane	3	2530-83-8	Xi

**3. Hazards Identification Xi**

Acute Health Hazards: May cause eye, respiratory and skin irritation.

Chronic Health Hazards: Material is not known to cause significant health problems.

Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.

Primary Routes of Exposure: Inhalation, skin contact, eye contact.

Carcinogenicity: NTP – no, OSHA – no, IARC – no.

**4. First Aid Measures in Cause of Inhalation**

Inhalation: If irritation occurs, take victim to open air. Get medical attention.

In case of skin contact: wash with soap and water.

In case of eye contact: Flush with large quantities of water for 15 minutes.

Consult a physician.

In case of ingestion: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested. Do not induce vomiting.

**5. Fire-Fighting Measures**

Flash Point: 18°C / 64°F (Ethanol)

Extinguishing Media: Carbon dioxide, foam or dry chemical.

Unusual Fire and Explosion Hazards: Upon combustion, irritating gases may form.



#### **6. Accidental Release Measures**

Personal Precautions: Prevent skin/ eye contact

Environmental Precautions: Avoid ground water contamination.

Clean-Up Procedure: Wipe with damp paper towel. Discard properly.

#### **7. Handling and Storage**

Handling: No special measures necessary if handled according to instructions.

Storage: Keep container tightly closed when not in use. Keep about 10°C.

Keep material in original packaging. Avoid extreme heat and light.

#### **8. Exposure Controls/ Personal Protection**

Exposure Controls: Use only in well ventilated areas.

Eye Protection: Use protective eyewear.

Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.

Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

#### **9. Physical and Chemical Properties**

Appearance: Colorless liquid

Odor: Odorless.

Boiling Point/ Range: N/E

Evaporation Rate (water = 1): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: Miscible

Solubility in organic solvents: Soluble in alcohols, ketones, etc.

#### **10. Stability and Reactivity**

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions

Conditions to Avoid: Heat.

Incompatibility: Strong caustics, metals, sulfides and sulfites.

#### **11. Toxicological Information**

Acute oral toxicity: LD50 (rat) > 5000 mg/kg

Irritation to Eyes: Irritates the eyes.

Irritation of Skin: May irritate the skin.

Allergic Effects: May cause allergic reaction on contact with skin.

Other: If swallowed, may cause sore throat and burns of the mouth and throat.

Prolonged exposure may cause burns to the respiratory tract, contact with soft tissues may cause burns.



**12. Ecological Information**

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

**13. Disposal Considerations**

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.

**14. Transport Information**

U.S. DOT Shipping Name: Not Regulated

U.S. DOT Hazard Class: None U.N/ N.A.

Number: None

U.S. Dot Packing Group: None

Other: Not considered hazardous cargo.

**15. Regulatory Information**

U.S. – O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

**16. Other Information**

Material should be maintained in original containers. Empty containers should not be re-used.

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