

**Safety Data Sheet (SDS)****According to OSHA Hazard Communication Standard, 29 CFR 1910.1200****Resinify Dental Glaze****Revision Date:** 04.09.2025**Version:** 1.0

Section 1: Product and Company Identification

- **Product Name:** Resinify Dental Glaze
- **Identified Uses:** UV-curable glaze resin for dental applications (crowns, models, aligners)
- **Uses Advised Against:** Not for internal use or direct gingival contact without post-curing.

Supplier Details:

Resinify Technology LLC

22350 W Warren Ave, Detroit, MI 48239

Phone: 1-810-888-7373

Emergency Contacts:

- CHEMTREC (Transportation): 1-800-424-9300 (24/7)
- Rocky Mountain Poison Center (Medical): 1-866-767-5089 (24/7)

Section 2: Hazards Identification**GHS Classification:**

- Urethane Acrylate: Skin Irritation (Category 2), Eye Irritation (Category 2A)
- Polyester Acrylate: Skin Irritation (Category 2), Eye Irritation (Category 2A)
- Photoinitiator: Reproductive Toxicity (Category 2)

Signal Word: Warning**Hazard Statements:**

- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H317: May cause allergic skin reaction
- H361: Suspected of damaging fertility or the unborn child

Precautionary Statements:

- P264: Wash thoroughly after handling
- P280: Wear protective gloves and eye protection
- P302+P352: IF ON SKIN: Wash with plenty of water
- P305+P351+P338: IF IN EYES: Rinse cautiously with water. Remove contact lenses if present
- P308+P313: IF exposed or concerned: Get medical attention
- P501: Dispose of in accordance with local regulations



Section 3: Composition/Information on Ingredients

Ingredient	CAS No.	% by Weight
Urethane Acrylate	Proprietary	35–45%
Polyester Acrylate	Proprietary	8–12%
Isobornyl Methacrylate	Proprietary	8–12%
PEGDA	Proprietary	4–6%
Photoinitiator	Proprietary	2–4%
Additives / Stabilizers	Proprietary	<2%

Section 4: First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for 15 minutes. Seek medical advice.
- **Ingestion:** Do not induce vomiting. Rinse mouth and consult physician.

Section 5: Fire-Fighting Measures

- **Flash Point:** >67°C (153°F)
- **Suitable Extinguishing Media:** CO₂, dry chemical, foam
- **Special Hazards:** Can produce carbon monoxide, carbon dioxide, acrylate vapors when burning
- **Firefighter Protection:** Wear self-contained breathing apparatus

Section 6: Accidental Release Measures

- **Personal Precautions:** Use personal protective equipment. Avoid skin/eye contact.
- **Environmental Precautions:** Prevent entry into waterways or sewers
- **Cleanup:** Absorb with inert material (sand, earth). Place in approved container.

Section 7: Handling and Storage

- **Handling:** Use in well-ventilated area. Avoid skin and eye contact. Avoid inhalation of vapors.
- **Storage:** Store in cool, dry place away from sunlight. Keep container tightly closed.

Section 8: Exposure Controls / Personal Protection

- **Engineering Controls:** Ensure adequate ventilation. Use local exhaust where possible.



- **Personal Protective Equipment:**
 - Eye/Face: Safety goggles or face shield
 - Skin: Chemical-resistant gloves (nitrile recommended)
 - Respiratory: Not required under normal conditions; use if vapor levels are high
-

Section 9: Physical and Chemical Properties

- **State:** Liquid
 - **Color:** Clear to slightly amber
 - **Odor:** Mild acrylic
 - **Solubility:** Insoluble in water
 - **Viscosity:** Medium (~300–500 cP at 25°C)
 - **Flash Point:** >67°C (153°F)
-

Section 10: Stability and Reactivity

- **Reactivity:** Not reactive under normal conditions
 - **Stability:** Stable under recommended storage
 - **Hazardous Reactions:** Polymerization may occur if exposed to high heat or light
 - **Incompatibilities:** Strong oxidizers, amines
-

Section 11: Toxicological Information

- **Acute Toxicity:** Not determined for mixture
 - **Skin Irritation:** May cause irritation or sensitization
 - **Eye Irritation:** May cause irritation
 - **Reproductive Effects:** Photoinitiator may affect fertility at high doses
-

Section 12: Ecological Information

- **Ecotoxicity:** Not tested
 - **Persistence:** Components may not be readily biodegradable
 - **Bioaccumulation:** Not expected to bioaccumulate
-

Section 13: Disposal Considerations

- Dispose of in accordance with local, regional, national, and international regulations.
 - Do not pour down drain or allow to enter waterways.
-

Section 14: Transport Information



- Not regulated as dangerous goods under DOT, IATA, or IMDG when shipped in small consumer quantities
-

Section 15: Regulatory Information

- All components are listed or exempt from TSCA, DSL
 - This product contains materials that may trigger SARA 311/312 classifications
-

Section 16: Other Information

- **Prepared by:** Resinify Technology LLC Compliance Team
 - **Date of Issue:** May 9, 2025
 - **Disclaimer:** The information in this SDS is believed to be correct as of the date issued. It is the user's responsibility to determine safe use of the product.
-

End of Safety Data Sheet