SAFETY DATA SHEET
OSHA HAZCOM 2024

Revision: November 18, 2025
Supersedes Date: N/A

Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.

1.1 Product Identifier:

Product Type: 3D Printing Resin
Trade Name: Verimodel
Veriguide
Verisplint
VeriTray
VeriGum

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Resin for production of dental applications.
Uses Advised Against: For professional use only.

1.3 Details of the Supplier of the Substance or Mixture:

Manufacturer
Whip Mix Corporation
361 Farmington Avenue
Louisville, Kentucky, USA 40217
Emergency Telephone Number: (502) 637-1451
Fax Number: (502) 634-4512

1.4 Emergency Telephone Number:

Transportation Emergencies: CHEMTREC 1(800) 424-9300 (U.S. and Canada)
International Calls: 1- 703-527-3887 (Collect calls accepted)

Other Product Information: Info@Whipmix.com
www.whipmix.com

Section 2 Hazard Identification

2.1 Classification of the Mixture:

OSHA Classification:

Health Hazards	Physical Hazards
Skin Sensitization Category 1A H317 Skin Irritation Category 2 H315 Eye Irritation Category 2A H319 Specific Target Organ Toxicity – Single Exposure Category 3 H335 Toxic to Reproduction Category 1B H360	Not Hazardous

2.2 Label Elements:

Danger!

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H360 May damage fertility or the unborn child.

Precautionary Phrases:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mists, vapors or spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves and eye protection.
P308 + P313 IF exposed or concerned: Get medical attention.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known

Section 3 Composition/Information on Ingredients.

3.2 Mixtures:

Substance	***CAS No.***	***%***	**GHS Classification**
Acrylate Monomer	Proprietary	40-<50	Skin Sensitization Category 1A H317 Reproductive Toxicity Category 2 H361d
Acrylate Oligomer	Proprietary	25-<35	Eye Irritation Category 2A H319
Methacrylate Oligomer 3	Proprietary	20-<35	Skin Sensitization Category 1B H317
Methacrylate Oligomer 1	Proprietary	20-<30	Skin Sensitization Category1 H317
Methacrylate Oligomer 2	Proprietary	20-<30	Eye Irritation Category 2A H319 Skin Irritation Category 2 H315 Specific Target Organ Toxicity – Single Exposure Category 3 H335
Methacrylate Monomer 2	Proprietary	10-<30	Skin Sensitization Category 1A H317 Reproductive Toxicity Category 2 H361d
Phosphine Oxide	75980-60-8	1-5	Skin Sensitization Category 1B H317 Reproductive Toxicity Category 1B H360Fd

The specific identity and/or exact percentage of composition have been withheld as a trade secret.
See Section 16 for full text of GHS.

Section 4 First-Aid Measures.

4.1 Description of First Aid Measures:

Inhalation: Remove person to fresh air. If irritation persists, get medical attention.
Eyes: Flush eyes with large quantities of water for at least 15 minutes, while holding the eyelids apart. Seek medical attention if irritation occurs and persists.

Skin: Remove contaminated clothing. Wash skin with soap and water. If irritation or rash develops, get medical attention. Launder clothing before reuse.

Ingestion: If large amounts are swallowed, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. May cause respiratory irritation. May cause allergic skin reaction. This product contains ingredients that may cause reproductive harm.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

Section 5 Fire-Fighting Measures.

5.1 Extinguishing Media: Use water spray, alcohol-resistant foam, carbon dioxide or dry chemical. Do not use a steady stream of water.
5.2 Special Hazards Arising from the Substance or Mixture: Not flammable or combustible but may burn under fire conditions.
5.3 Advice for Fire-Fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

Section 6 Accidental Release Measures.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Wear protective clothing and equipment as described in Section 8. Wash hands thoroughly after handling. Avoid breathing mists or spray.
6.2 Environmental Precautions: Avoid release to the environment. Report releases as required by local and national authorities.
6.3 Methods and Material for Containment and Cleaning Up: Contain and collect with an inert absorbent. Place into a container for disposal. For small spill, wipe up with a paper towel.

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

Section 7 Handling and Storage.

7.1 Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing mists or spray. Use with adequate ventilation. Wash exposed skin thoroughly with soap and water after handling.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated location. Protect from heat and direct sunlight.

7.3 Specific end use(s):
Industrial uses: None identified
Professional uses: Resin for the production of dental applications.

Section 8 Exposure Controls/Personal Protection

8.1 Control Parameters:

Acrylate Monomer	None Established
Acrylate Oligomer	None Established
Methacrylate Oligomer 3	None Established
Methacrylate oligomer 1	None Established
Methacrylate oligomer 2	None Established
Methacrylate Monomer 2	None Established
Phosphine Oxide	None Established

8.2 Exposure Controls:

Recommended Monitoring Procedures: Contact an occupational hygiene professional for monitoring.

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to minimize exposures.

Personal Protective Measurers

Respiratory protection: None required under normal conditions of use. If exposures are excessive, or irritation is experienced an approved dust/mist respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.
Skin protection: Wear impervious gloves to avoid skin contact.
Eye/Face protection: Wear safety goggles if contact is possible.
Other: Protective clothing as required to avoid skin contact. An eye wash should be available in the work area.

Section 9 Physical and Chemical Properties.

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear or white or colored liquid
Physical State: Liquid
Odor: Characteristic odor

Melting point/freezing point: No data available
Flash point: No data available
Flammability (solid, liquid, gas): No data available
Flammable limits: LEL: No data available
Vapor pressure: No data available
Relative density: No data available
Partition coefficient: n-octanol/water: Not applicable
Decomposition temperature: No data available
Particle Characteristics: Not applicable

pH: No data available
Boiling point/range: No data available
Evaporation rate: No data available
UEL: No data available
Relative Vapor density (air = 1): No data available
Solubility: Insoluble in water
Auto-ignition temperature: No data available
Kinematic Viscosity: No data available
Oxidizing Properties: Not applicable

9.2 Other Information:

9.2.1 Information with regard to physical hazard classes: Not applicable

9.2.2 Other Safety Characteristics: Not applicable

Section 10 Stability and Reactivity.

10.1 Reactivity: None known if used in accordance with package instructions.
10.2 Chemical stability: Stable.
10.3 Possibility of hazardous reactions: Product will polymerize in contact with heat or light.
10.4 Conditions to avoid: Avoid unintended contact with light and heat.
10.5 Incompatible materials: Avoid peroxides and free radical compounds, peroxides, strong oxidizing agents and strong alkalis.
10.6 Hazardous decomposition products: Thermal decomposition may generate oxides of carbon and nitrogen.

Section 11 Toxicological Information.

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: Causes irritation with redness, tearing and swelling.
Skin: Causes skin irritation with redness and itching. May cause allergic skin reaction.
Ingestion: Large amounts may cause gastrointestinal irritation and nausea.
Inhalation: Inhalation of mists may cause irritation of the eyes, nose and upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.
Chronic Health Effects: This product contains ingredients that may damage fertility or the unborn child.

Acute Toxicity: Based on available data, the classification criteria are not met.
Acrylate Monomer: Oral rat LD50 4660 µL/kg, Dermal rabbit LD50 2540 µL/kg
Acrylate Oligomer: Oral rat LD50 >2000 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 >5 mg/L/4 hr (Dust/Mist)
Methacrylate Oligomer 3: Oral rat LD50 >5000 mg/kg, Dermal rat LD50 >2000 mg/kg
Methacrylate Oligomer 1: Oral rat LD50 5050 mg/kg, Dermal rabbit LD50 >3000 mg/kg
Methacrylate Oligomer 2: Oral rat LD50 2400 mg/kg, Dermal rabbit LD50 <3000 mg/kg
Methacrylate Monomer 2: Oral rat LD50 >5000 mg/kg, Dermal rat LD50 >2000 mg/kg
Phosphine Oxide: Oral rat LD50 >2000 mg/kg, Dermal rat LD50 >2000 mg/kg

Skin corrosion/irritation: Methacrylate Oligomer 2 is an skin irritant.
Eye damage/ irritation: Methacrylate Oligomer 2 and Acrylate Oligomer are eye irritants.
Respiratory or Skin Sensitization: Methacrylate Oligomer 1, Acrylate Monomer, Methacrylate Monomer 2, Methacrylate Oligomer 3, and Phosphine Oxide are skin sensitizers.
Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met. None of the other components >0.1% are listed by OSHA, IARC, NTP or the EU CLP.
Reproductive Toxicity: Acrylate Monomer, Methacrylate Monomer 2, and Phosphine oxide may cause reproductive harm.
Specific Target Organ Toxicity:
Single Exposure: Based on available data, the classification criteria are not met.
Repeat Exposure: Based on available data, the classification criteria are not met.
Aspiration Toxicity: Based on available data, the classification criteria are not met.

11.2 Information on Other Hazards:
11.2.1 Endocrine Disrupting Properties: None known
11.2.2 Other Information: None

Section 12. Ecological Data.

12.1 Ecotoxicity: Toxic to the aquatic life with long lasting effects
Acrylate Monomer: 96 hr LC50 Leuciscus idus 10 mg/L, 48 hr EC50 Daphnia magna 1.21 mg/L, 72 hr EC50 Desmodesmus subcapitatus 4.4 mg/L, 21 day EC10 Daphnia magna 0.1 mg/L
Acrylate Oligomer: 96 hr LC50 Brachydanio rerio 100 mg/L; 48 hr LC50 daphnia magna No toxicity; 72 hr IC50 Scenedesmus subspicatus 537 mg/L
Methacrylate Oligomer 3: 96 hr LC50 Danio rerio 10.1 mg/L, 48 hr EC50 Daphnia magna >1.2 mg/L, 72 hr ErC50 Desmodesmus subspicatus >0.68 mg/L, 72 hr NOEC Desmodesmus subspicatus 0.21 mg/L
Methacrylate Oligomer 1: 96 hr LC50 Pimephales promelas 27 mg/L; 48 hr EC50 daphnia magna >380 mg/L
Methacrylate Oligomer 2: 96 hr LC50 Danio rerio 1.8 mg/L; 48 hr EC50 daphnia magna 1.1 mg/L
Methacrylate Monomer 2: 48 EC50 Daphnia magna 1.21 mg/L, 72 hr ErC50 Desmodesmus subspicatus 4.4 mg/L, 21 day EC10 Daphnia magna >1 mg/L
Phosphine Oxide: 48 hr LC50 Oryzias latipes 6.53 mg/L, 48 hr EC50 daphnia magna 3.53 mg/L, EC10 Pseudokirchneriella subcapitata 1.56 mg/L

12.2 Persistence and degradability: Acrylate Monomer not readily biodegradable (22.3% in 28 days). Acrylate oligomer is not readily biodegradable (9% in 28 days). Methacrylate Oligomer 3 is not readily biodegradable (22% in 28 days).
12.3 Bioaccumulative potential: No data available
12.4 Mobility in soil: No data available.
12.5 Results of PBT and vPvB assessment: Components do not meet the criteria of PBT or vPvB.
12.6 Endocrine Disrupting Properties: None known
12.7 Other adverse effects: Not required.

Section 13. Disposal Considerations.

13.1 Waste Treatment Methods: Dispose in accordance with all national and local regulations.

Section 14. Transport Information.

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
IMDG	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Acrylate Monomer, Methacrylate Oligomer 3)	9	III	Marine Pollutant
IATA/ICAO	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Acrylate Monomer, Methacrylate Oligomer 3)	9	III	Yes

14.6 Special precautions for User: Not applicable

14.7 Maritime transport in bulk according to IMO instruments: Not applicable – product is transported only in packaged form.

Section 15 Regulatory Information.

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

US Regulations

SARA Section 313 (40 CFR 372): This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

SARA Section 311/312 (40 CFR 370) Hazard Categories: Refer to Section 2 for OSHA Hazard Classification.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California: This product is not known to contain any chemicals listed by the State of California as causing cancer and/or reproductive harm.

Chemical Inventories

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

15.2 Chemical safety assessment: None required.

16. Other Information.

- HMIS Rating: Health 2* Flammability 1 Physical Hazard 0
  Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum

Date Revised: November 18, 2025
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Supersedes Date: N/A

GHS Classification and H Phrases for Reference (See Section 3)

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

H360 May damage fertility or the unborn child.
H361d Suspected of damaging the unborn child.

Literature references and sources for data: ECHA Chem database, GESTIS, eChemPortal, TOXNET, Supplier SDS

Prepared By: Denise A. Deeds	Translated By:
Date: November 18, 2025	Date: