


## 1 Identification

<b>Product Name</b>	Volumetric PEGDA500 PhotoInk™
<b>Product Number</b>	VOL-PI-P500
<b>Brand</b>	Volumetric
<b>Company</b>	Volumetric, Inc
<b>Address</b>	2450 Holcombe Blvd, Suite J, Houston, TX 77021
<b>Telephone</b>	(855) 761-5080
<b>E-mail</b>	support@volumetricbio.com
<b>Version</b>	1.1
<b>Revision Date</b>	07/29/2020

## 2 Hazards Identification

<b>Pictogram</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statements</b>	<p>H315 Skin irritation (Category 2)</p> <p>H318 Serious eye damage (Category 1)</p> <p>H317 Skin sensitisation (Category 1)</p>
<b>Precautionary Statements</b>	<p>P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P264 Wash skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.</p> <p>P308 + P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P501 Dispose of contents/ container to an approved waste disposal plant.</p>

## 3 First Aid Measures

<b>General advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In case of skin contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>In case of eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>If swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Most important symptoms and effects, both acute and delayed.</b>	No further information available.

Indication of any immediate medical attention and special treatment needed	No further information available.
--	-----------------------------------

## 4 Firefighting Measures

Suitable extinguishing media Advice for firefighters	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Wear self-contained respirator. Wear fully protective impervious suit.
---	---

## 5 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Personal precautions, protective equipment and emergency procedures	Prevent further leakage or spillage if safe to do so.
Environmental precautions	Do not let product enter drains.
Methods and materials for containment and cleaning up	Keep in suitable, closed containers for disposal.

## 6 Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes.
Conditions for safe storage	Recommended storage temperature: 4 °C. Light sensitive.  Keep container tightly sealed in a dry and well-ventilated place. Store in the dark. Protect from heat.

## 7 Physical and Chemical Properties

Control parameters	This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
General protective and hygienic measures	The usual precautionary measures for handling chemicals should be followed. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Breathing equipment	Use suitable respirator when high concentrations are present.
Gloves	Nitrile rubber, at least 0.11 mm thickness
Eye protection	Tightly sealed goggles.
Body protection	Protective work clothing.

## 8 Physical and Chemical Properties

Appearance Form	Liquid
Color	Clear yellow
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower	No data available

flammability or explosive limits	
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

## 9 Stability and Reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	Elevated temperatures, sunlight, UV, or ionising radiation.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products	No data available

## 10 Toxicological Information

Acute toxicity	No data available
Inhalation	No data available
Dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA, or ACGIH.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 11 Ecological Information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects | No data available

## 12 Disposal Considerations

Product	Consult state, local, or national regulations to ensure proper disposal. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging	Disposal must be made according to official regulations.

## 13 Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

## 14 Regulatory Information

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No SARA Hazards
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components	Poly(ethylene glycol) diacrylate liquid. CAS# 26570-48-9
New Jersey Right To Know Components	Poly(ethylene glycol) diacrylate liquid. CAS# 26570-48-9
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 15 Other Information

This information is correct to the best of our knowledge. We cannot accept liability for any loss, injury or damage which may result from its use.