

### 1. Identification of the Preparation and of The Company

Product Name and/or code: Resin Obsession Deep Pour Casting Resin - Part 1: Resin - Clear

Effective Date: 30-Apr-20

Manufacturer: Resin Obsession, LLC  
5200 NW 43rd Street  
Gainesville, FL 32606

Information Contact: 352-283-2841

Emergency Contact: Katherine Swift

Chemtrec (24 hours): Contact your local Poison Control Center.

Product Use: Jewelry Making and Crafts

### 2. Hazards Identification


#### Emergency Overview

**WARNING! MAY CAUSE ALLERGIC SKIN REACTION. IRRITANT.**


*Classification of the Product:* Hazardous product

**Label Elements**  
*Label Elements* Conforms to ASTM D-4236

Hazard Pictograms



GHS07



GHS09

Signal Word **WARNING!**

Hazard Statement May cause allergic skin reaction. May cause eye, skin and respiratory tract irritation.

Precaution Statement: Handle with care. Do not get in eyes or skin. Do not swallow. Use only with adequate ventilation. Wear eye protection. Wear protective gloves and clothing. Wash thoroughly after handling. *Be cautious with spills, do not splash.*

Children's Statement **KEEP OUT OF REACH OF CHILDREN.**

NFPA Health: 1  
Flammability: 0  
Reactivity : 0

HMIS Health : 1  
Flammability: 0  
Physical Hazard: 0

Regulation (EC) No. 1272/2008 (CLP)

***Studies have not been performed on this particular mixture. The information below is based on data on the individual hazardous ingredients.***

**Epoxy Resin:** Causes skin irritation (H315); May cause an allergic skin reaction (H317); Causes serious eye irritation (H319); Toxic to aquatic life with long-lasting effects (H411)

**Glycidyl Ethers:** Causes skin irritation (H315); May cause an allergic skin reaction (H317)



Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear protective gloves and clothing. Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles with side shields.

### 9. Physical and Chemical Properties

Appearance	Clear viscous liquid.
Physical State	Liquid
Color	Clear
Odor	Mild
Odor Threshold	Not determined for this mixture
Boiling Point	> 399.9 °F (204.4°C) ( <i>Literature value: Epoxy Resin</i> ); 424.4 °F (218°C) ( <i>Literature value: Glycidyl Ethers</i> )
Freezing Point	Not determined for this mixture
State (pH)	6.0 - 8.0 ( <i>Literature value: Epoxy Resin</i> ); 7.0 ( <i>Literature value: Glycidyl Ethers</i> )
Specific Gravity	1.17 ( <i>Literature value: Epoxy Resin</i> ) ; 0.89 ( <i>Literature value: Glycidyl Ethers</i> )
Viscosity	Not determined for this mixture
Flashpoint	489.2°F ( 254°C ) ( <i>Literature value: Epoxy Resin</i> ); 302°F (150°C) ( <i>Literature value: Glycidyl Ethers</i> )
Vapor Pressure	4.6 x 10 <sup>-8</sup> Pa (25°C) ( <i>Literature value: Epoxy Resin</i> ); < 0.09774 mmHg (21°C) ( <i>Literature value: Glycidyl Ethers</i> )
Vapor Density	Not determined for this mixture
Solubility in water	Insoluble in water

### 10. Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable
Conditions to Avoid	Avoid high temperatures.
Incompatible materials	Strong acids, strong bases. Amines may cause cross-linking.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

### 11. Toxicological Information

*Studies have not been performed on this particular mixture. The information below is based on data on the individual hazardous ingredient.*

**When used and handled according to specifications, the product does not have any harmful effects.**

Health Effects	None known for the usual and ordinary uses of this mixture.
Acute Toxicity	Not determined for this mixture Epoxy Resin - Oral: LD50 > 1000 mg/kg (Rat) ( <i>Literature value</i> )

	Epoxy Resin - Dermal: LD50 > 20000 mg/kg (Rabbit) ( <i>Literature value</i> )
	Glycidyl Ethers - Oral : LD50 19200 mg/kg (Rat) ( <i>Literature value</i> )
	Glycidyl Ethers - Dermal: LD50 > 4500 mg/kg (Rabbit) ( <i>Literature value</i> )
Eye Effects	Causes serious eye irritation.
Skin Effects	Causes skin irritation.
Inhalation	Causes respiratory tract irritation.
Sensitization	May cause an allergic skin reaction.
Ingestion	No data available for mixture. May be harmful if swallowed.
Chronic Effects	None known for this mixture.
<u>Additional toxicological information:</u>	When used and handled according to specifications, the product does not have any harmful effects according to past experience and information provided. No harmful effects have been reported by the manufacturer.

### 12. Ecological Information

Toxicity:	No information available for the mixture. No product should be released to the environment.
Aquatic toxicity	Epoxy Resin: Toxic to aquatic life with long-lasting effects. Glycidyl Ethers: No information available.
Persistence and degradability	No information available for this mixture.
Bioaccumulate potential	No information available for this mixture.
Mobility in soil	No information available for this mixture.
<i>PBT and vPvB</i>	No information available for this mixture.
Additional ecological information	As a general rule, no product should be released to the environment.

### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations. Outside North America, all relevant national and local legislation must be complied with.

### 14. Transport Information

#### Art Material - CONSUMER PRODUCT

<b>DOT</b>	
<b>PROPER SHIPPING NAME</b>	Not Regulated by DOT
<b>TECHNICAL NAME</b>	Epoxy Resin
<b>ICAO/IATA</b>	
<b>SHIPPING NAME</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>TECHNICAL NAME</b>	Epoxide Derivatives
<b>UN/NA NUMBER</b>	3082
<b>PRIMARY HAZARD CLASS/DIVISION</b>	9
<b>PACKING GROUP</b>	III
<b>VESSEL (IMO/IMDG)</b>	

<b>SHIPPING NAME</b>	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)
<b>TECHNICAL NAME</b>	Epoxide Derivatives
<b>UN/NA NUMBER</b>	3082
<b>PRIMARY HAZARD CLASS/DIVISION</b>	9
<b>PACKING GROUP</b>	III
<b>MARINE POLLUTANT #1</b>	Yes

**CANADA TRANSPORT OF DANGEROUS GOODS**

<b>SHIPPING NAME</b>	Not regulated
<b>TECHNICAL NAME</b>	Epoxy Resin

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.*

<b>15. Regulatory Information</b>
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Safety, health and environmental regulations/legislation specific for the substance or mixture.

<b>SARA</b>	Not applicable to this mixture.
Section 355 (extremely hazardous substances)	Not applicable to this mixture.
Section 313 (specific toxic chemical listing)	Not applicable to this mixture.

TSCA (Toxic Substance Control Act)	All ingredients are listed.
Carcinogenicity categories	Not applicable to this mixture.
EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.

<b>16. Other Information</b>
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Reason for Issue:	GHS Format
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**Abbreviations and acronyms:**

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**NFPA (SCALE 0-4) National Fire Protection****Association (USA)**

Health: 1

Caution. May be irritating.

Fire: 0

Not combustible.

Reactivity: 0

Stable. Not reactive when mixed with water.

**HMIS (SCALE 0-4) Hazardous Materials****Identification System (USA)**

Health: 1

Irritation or minor reversible injury possible.

Fire: 0

Materials that will not burn.

Physical Hazard: 0

Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-explosives.

**Exposure Limits**

TWA - Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit

PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or

Health