## RESIN OBSESSION DEEP POUR CASTING RESIN - PART 1: RESIN - CLEAR

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#### 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 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 Health: 1

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)

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## 3. Composition/Information on Ingredients:

**Substances:** 

**Exposure Limits** 

Mixture of the following chemicals: Epoxy Resin (Proprietary) > 75 %

Glycidyl Ethers (Proprietary) < 25 %

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

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

4. First Aid Measures	
Inhalation	If you experience difficulty in breathing, call physician
	immediately.
Skin Contact	Immediately wash with water; if irritation occurs, call physician
	immediately.
Eye Contact	Flush immediately with plenty of water for 15 minutes, call
	physician immediately.
Ingestion	DO NOT induce vomiting. Call physician immediately.
5. Firefighting Measures	
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	Not flammable (Literature Value: Epoxy Resin, Glycidyl Ethers)
6. Accidental Release Measures	
Methods and Materials for Containment and	Contain spill. Recover as much as possible. Absorb remainder
Cleaning up	with an inert material. Place into closed container and store in a
	safe location to await disposal. Wash the spill area with soap
	and water.
7. Handling and Storage	
Safe Handling	Use under ventilated conditions. Avoid eye and skin contact.
	For personal protection, we recommend that employees wash
	thoroughly after handling product. Always wash before eating,
	smoking or using toilet facilities. Keep container closed when
	not in use. Keep container upright to prevent leakage.
Environmental precautions	No product should be released to the environment. Keep
	container closed when not in use. Keep container upright to
	prevent leakage.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.
8. Exposure Controls/Personal Protection	
Personal Protective Equipment	Wear protective eye wear, gloves and clothing to avoid contact
	with eyes and skin. Be cautious with spills, do not splash. Wear

water resistant impervious gloves if handling bulk amounts.

None known for this mixture.

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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) (Literature value: Epoxy Resin); 424.4 °F

(218°C) (Literature value: Glycidyl Ethers)

Freezing Point Not determined for this mixture

State (pH) 6.0 - 8.0 (Literature value: Epoxy Resin); 7.0 (Literature value:

Glycidyl Ethers)

Specific Gravity 1.17 (Literature value: Epoxy Resin); 0.89 (Literature value:

Glycidyl Ethers)

Viscosity Not determined for this mixture

Flashpoint 489.2°F (254°C) (Literature value: Epoxy Resin); 302°F (150°C)

(Literature value: Glycidyl Ethers)

Vapor Pressure 4.6 x 10<sup>-8</sup> Pa (25°C) (Literature value: Epoxy Resin); < 0.09774

mmHq (21°C) (Literature value: Glycidyl Ethers)

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) (Literature value)

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Epoxy Resin - Dermal: LD50 > 20000 mg/kg (Rabbit) (Literature

value)

Glycidyl Ethers - Oral: LD50 19200 mg/kg (Rat) (Literature

value)

Glycidyl Ethers - Dermal: LD50 > 4500 mg/kg (Rabbit)

(Literature value)

Eye Effects Causes serious eye irritation.

Skin Effects Causes skin irritation.

InhalationCauses respiratory tract irritation.SensitizationMay cause an allergic skin reaction.

Ingestion No data available for mixture. May be harmful if swallowed.

Chronic Effects None known for this mixture.

Additional toxicological information: 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.

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**

DOT

PROPER SHIPPING NAME

Not Regulated by DOT

TECHNICAL NAME Epoxy Resin

ICAO/IATA

**SHIPPING NAME** Environmentally hazardous substance, liquid, n.o.s.

**TECHNICAL NAME** Epoxide Derivatives

UN/NA NUMBER 3082
PRIMARY HAZARD CLASS/DIVISION 9
PACKING GROUP III

**VESSEL (IMO/IMDG)** 

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**SHIPPING NAME** Environmentally hazardous substance, liquid, n.o.s. (Epoxy

Resin)

**TECHNICAL NAME Epoxide Derivatives** 

**UN/NA NUMBER** 3082 PRIMARY HAZARD CLASS/DIVISION 9 **PACKING GROUP** Ш **MARINE POLLUTANT #1** Yes **CANADA TRANSPORT OF DANGEROUS GOODS** 

SHIPPING NAME Not regulated **TECHNICAL NAME 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.

#### 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Not applicable to this mixture. SARA Not applicable to this mixture.

Section 355 (extremely hazardous

substances)

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 Not applicable to this mixture.

ACGIH)

NIOSH (National Institute for Occupational

Safety & Health)

OSHA (Occupational Safety & Health

Administration)

MAK (German Maximum Workplace

Concentration)

Not applicable to this mixture.

Not applicable to this mixture.

Not applicable to this mixture.

16. Other Information

Reason for Issue: **GHS Format** 

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### Abbreviations and acronyms:

# 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