

Vivarium Works  
**MATERIAL SAFETY DATA SHEET**

PRODUCT

Exhibit Cast : Part A

1. PRODUCT AND COMPANY IDENTIFICATION

**Manufactured by:**

Vivarium Works  
21418 Catlin Court  
San Antonio, TX 78258

Telephone: (210) 288-8611

www.vivariumworks.com

**Date prepared:** 06/25/13

by: SWA

**Chemical Type /Description:**

Epoxy Putty A-side, Epoxy Resin

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
Benzyl Alcohol	<1%	(OSHA PEL) 400ppm	101-51-6

**HMIS RATING:**

**FLAMMABILITY: 1**

**REACTIVITY: 0**

**HEALTH: 1**

3. EFFECTS OF EXPOSURE

**Potential Health Effects:**

**Ingestion:** Unknown. Seek medical attention.  
**Skin Contact:** Irritation.  
**Inhalation:** None expected due to very low vapor pressure. Dust may cause irritation.  
**Eye Contact:** Irritation.

4. FIRST AID MEASURES

**Ingestion:** Seek medical attention.  
**Skin:** Remove with soap and water. If rash develops seek medical attention.  
**Eyes:** Rinse 15 minutes with running water. Seek medical attention.  
**Inhalation:** Seek fresh air. If breathing is labored seek medical attention.  
**Other:** Not applicable.

5. FIRE FIGHTING INFORMATION

# Vivarium Works

**Flash Point (Method):** >485°F (252°C) PMCC  
**Flammability Class:** Non-Flammable.  
**Flammability Limits in Air:** Not available.  
**Extinguishing Media:** All standard media for chemical fires.  
**Hazardous Combustion Products:** Oxides of Nitrogen and Carbon, Acids and Aldehydes when burned.  
**Special Fire Fighting Notes:** Don't allow release runoff from fire control methods to flow to sewers/waterways.  
**Fire-Fighting Equipment:** As fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with full-face piece operated in pressure-demand or positive-pressure mode.

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## 6. ACCIDENTAL RELEASE MEASURES

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Contain by dike if needed for later disposal. Do not release into sewers/waterways. Scrape up excess. Follow applicable OSHA regulations. (29 CFR 1910.120)

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## 7. HANDLING AND STORAGE

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**Handling:** Avoid contact with eyes and prolonged skin contact. Avoid vapors and use with proper ventilation.  
**Storage:** Store in closed and dry containers. Use with adequate ventilation.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Engineering Controls:** Good general ventilation.  
**Personal Protective Equipment**  
**Eyes:** Safety glasses.  
**Skin:** Chemically protective gloves to avoid prolonged or repeated skin contact.  
**Inhalation:** Use good ventilation, avoid inhalation of cured product's dust.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State:** Putty.  
**Color:** White.  
**Odor:** Very slight.  
**Boiling Point:** Will not boil.  
**Vapor Density (air = 1):** There is negligible vapor pressure.  
**Specific Gravity:** 0.747  
**Solubility in Water:** None.  
**Evaporation Rate:** None.

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## 10. STABILITY AND REACTIVITY

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# Vivarium Works

**Chemical Stability:** Stable at room temperature in closed containers under normal storage conditions.  
**Hazardous Polymerization:** Will not occur.  
**Decomposition Products:** Thermal oxidative decomposition of Epoxy Resin EEW-190 can produce: Oxides of Nitrogen and Carbon, Acids and Aldehydes when burned.  
**Chemical Incompatibilities:** Strong oxidizing agents, strong Lewis or mineral acids.  
**Conditions to Avoid:** Mixing with amines under uncontrolled conditions.

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## 11. TOXICOLOGICAL INFORMATION

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**Eye Effects:** Irritation.  
**Skin Contact:** Irritation.  
**Carcinogenicity:** None.  
**Mutagenicity:** None Determined.  
**Teratogenicity:** None Determined.

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## 12. ECOLOGICAL INFORMATION

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None determined.

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## 13. DISPOSAL CONSIDERATIONS

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Disposal should be made in accordance with state and local regulations. The preferred method is to cure with the appropriate curing agent (Exhibit Cast: Part B) and discard the solid cured epoxy in a sanitary landfill.

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## 14. TRANSPORT INFORMATION

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**DOT SHIPPING NAME:** Not regulated.  
**DOT HAZARD CLASS:** None.  
**UN/NA Number:** None.

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## 15. REGULATORY INFORMATION

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**TSCA INVENTORY STATUS:** Listed.  
**SARA TITLE III / CERCLA**  
**SECTION 302 EXTREMELY TOXIC:** None.  
**SECTION 304 CERCLA HAZARD:** None.  
**SECTION 311 / 312 HAZARD CLASS:** None.  
**SECTION 313 TOXIC CHEMICALS:** None.

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## 16. OTHER INFORMATION

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## Vivarium Works

I believe the above information is correct as of the date of this data sheet. However, as this information and the conditions under which the product are used are beyond the control of Vivarium Works, it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.