

Vivarium Works
MATERIAL SAFETY DATA SHEET

PRODUCT

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 B-side, Amine Curing Agent

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
Benzyl Alcohol	10-15%	(OSHA PEL) 400ppm	101-51-6
Triethylenetetramine	<5%	None Established	203-950-6

HMIS RATING:

FLAMMABILITY: 1

REACTIVITY: 0

HEALTH: 2

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Unknown. Seek medical attention.

Skin Contact: Irritation.

Inhalation: Irritating to the respiratory system.

Eye Contact: Irritation.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. 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

Flash Point (Method): 347°F (175°C) PMCC
Flammability Class: Combustible Liquid, Class III
Unusual Fire or Explosion Hazards: None.
Extinguishing Media: Foam, Dry Chemical, and Carbon Dioxide.
Hazardous Combustion Products: May generate Ammonia gas, Oxides of Nitrogen and Carbon 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.

6. ACCIDENTAL RELEASE MEASURES

Contain by dike if needed for later disposal. Do not release into sewers/waterways. Cover minor spills with sodium bisulfate to neutralize and reduce vapors. Spray with water. Place in metal containers for recovery and disposal. Clean-up personnel must be equipped with self contained breathing apparatus and butyl rubber protective clothing.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and prolonged skin contact. Avoid breathing vapors and use with adequate ventilation.
Storage: Keep away from oxidizers. Store in closed containers. Use with adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Putty.
Color: Grey.
Odor: Ammonia odor.
Boiling Point: No data.
Vapor Density (air = 1): >1
Specific Gravity: 0.723

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Solubility in Water: No data.

Evaporation Rate: No data.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at room temperature in closed containers under normal storage conditions.

Hazardous Polymerization: Will not occur.

Decomposition Products: Thermal oxidative decomposition can produce: Ammonia gas, Oxides of Nitrogen and Carbon when burned. Combustion of product under oxygen-starved conditions can be expected to produce numerous toxic products including nitriles, cyanic acid, isocyanates, cyanogens, nitrosamines, amides, and carbamates.

Chemical Incompatibilities: Strong oxidizing agents, strong Lewis or mineral acids.

Conditions to Avoid: Mixing with epoxies under uncontrolled conditions.

11. TOXICOLOGICAL INFORMATION

Eye Effects: Irritation.

Skin Contact: Irritation.

Carcinogenicity: None.

Mutagenicity: None Determined.

Teratogenicity: None Determined.

12. ECOLOGICAL INFORMATION

None determined.

13. DISPOSAL CONSIDERATIONS

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 A) and discard the solid cured epoxy in a sanitary landfill.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated.

DOT HAZARD CLASS: None.

UN/NA Number: None.

15. REGULATORY INFORMATION

SARA 312 (40 CFR #70)	Acute Health Hazard, Chronic Health Hazard
SARA Title III Section 313 (40 CFR 372)	None
TSCA Inventory Status (40CFR710)	All components of this formula are on the TSCA inventory.
California Proposition 65	This product does not intentionally contain any chemicals

which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

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.