

READ THIS MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT – ASK YOUR SUPERVISOR FOR ASSISTANCE IF YOU DO NOT UNDERSTAND ANY PART OF IT.

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HIGH PERFORMANCE COATINGS

**MATERIAL SAFETY DATA SHEET**

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**1 PRODUCT INFORMATION**

**Product Name:** BIO-FIX™ 914 ABC Primer Curing Agent – Yellow

**Chemical Name:** Mercaptan /Tertiary amine & Polyamine mixture

**CAS Number:** N/A - mixture

**Chemical Family:** Epoxy curing agent

**Product Code:** BF914-13655B

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**2 HAZARDOUS INGREDIENTS**

| <b>Material</b>                       | <b>CAS Number</b> | <b>Contents %w/w</b> | <b>Hazard Data</b>           |
|---------------------------------------|-------------------|----------------------|------------------------------|
| Mercaptan polymer (trade secret)      |                   | 50 - 90%             | PEL: Not Est., TLV: Not Est. |
| 2,4,6-tri(dimethylaminomethyl)phenol: | 90-72-2           | 5 - 8%               | TWA:5ppm,8hr.                |
| poly(terephthaloylchloride/           | 26125-61-1        | 0 - 5%               |                              |
| Benzyl Alcohol                        | 100-51-6          | 5 – 10%              | 8 hr. TWA is 10ppm           |

\*\*\*\*\* DOES NOT CONTAIN CARCINOGENS \*\*\*\*\*

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**4 FIRE AND EXPLOSION DATA**

**Flash Point:** >200°F COC      **Autoignition Temp:** N/A      **Flammable limits in air, % v/v:** LEL: N/A; UEL: N/A  
**Extinguishing Media:** Water, Spray, Foam, and Dry Chemical.      **Fire or Explosion Hazards:** generation of toxic products.  
**Special Firefighting procedures:** wear full protective equipment including self-contained breathing apparatus.

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**3 PHYSICAL DATA**

**Appearance:** Yellow viscous liquid      **Vapor Pressure:** N/A      **Vapor Density:** N/A      **Solubility in water:** Negligible  
**Odor:** Characteristic Mercaptan      **Specific Gravity:** 1.11      **Viscosity:** honey-like      **Density at 20°C:** 9.3 lbs/gallon  
**Boiling Point:** N/A      **Freezing Point:** N/A      **% volatiles by volume:** 0.5% max

**5 REACTIVITY DATA**

**Stability:** Stable      **Hazardous Polymerization:** Will not occur      **Incompatible Materials:** None known  
**Conditions to avoid:** Unattended mixing with epoxy based materials such as BIO-FIX™ 914 ABC Primer-epoxy base. Expect a significant exotherm within 8 - 10 minutes at 70°F. Use mixed materials immediately after mixing and destroy liquid waste material by pouring over scrap surfaces to ensure that large masses of mixed material are not able to “cook off” and overheat.  
**Hazardous decomposition products:** CO, CO<sub>2</sub>, unspecified others.

**6 HEALTH HAZARD DATA**

*Note: These are indications derived from individual ingredients in the mixture*

**Skin Irritation** - Sl. irrit., possible sensitizer  
**DOT Corrosivity** - Not corrosive  
**Dermal Toxicity** - Acute LD50: >10.2 g/Kg(rabbit)  
**Inhalation Tox** - <0.1mg/L air (rat)  
**Eye Irritation** - Draize score primary ingred. 16.8/110 (rabbit)  
**Oral Toxicity** - <2.6g/Kg rabbit.)

**SKIN AND EYE CONTACT:** Sl. irritating, possible sensitizer.  
**INGESTION:** Considered slightly toxic.  
**INHALATION:** Overexposure to mist or vapor is extremely unlikely however may cause irritation of respiratory tract.

**7 FIRST AID RECOMMENDATIONS**

**SKIN AND EYE CONTACT:** Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.  
**INGESTION:** DO NOT INDUCE VOMITING - Give conscious person several glasses of milk or water. Keep airway clear. Get medical attention. Never give anything by mouth to an unconscious person.  
**INHALATION:** Immediately move to fresh air. If breathing is difficult give oxygen. Call a physician.

**8 SPILL PROCEDURES & WASTE DISPOSAL**

**Spill and Leak Procedures:** Scrape or wipe up spilled material. Place in trash container. Avoid contact with skin and eyes - wear recommended protective clothing.

**9 PERSONAL PROTECTION**

**Ventilation Requirements:** not required unless used in large volumes  
**Eyes** - Chemical splash resistant goggles if eye contact possible.  
**Skin** - Impervious gloves, wear long sleeved shirts, coveralls as required preventing skin contact.  
**Respiratory** - Not normally required

**10 SPECIAL PRECAUTIONS & STORAGE**

**Precautionary Statements:** Avoid contact with eyes, skin and clothes. Wash affected areas after handling. Store in a cool, dry area in closed containers.  
Do not handle or use product until safety precautions recommended herein have been read and fully understood.

**11 TRANSPORTATION INFORMATION**

IATA, IMO & USDOT Not Regulated

Date of Prepn: 29DEC05      Preparer: J.Longmore      Refs: SUZ:Z-NYY/ehZY&UUNY