

**MATERIAL SAFETY DATA SHEET**

**EPOXY TECHNOLOGY  
14 FORTUNE DRIVE  
BILLERICA, MA 01821**

**PRODUCT NAME:** Epo Tek H20E-LV, Part A  
**INGREDIENT CODE NUMBER:** Not applicable

**EMERGENCY PHONE:**  
(978) 667 3805

**HMIS: HEALTH- 2 FIRE-1 REACTIVITY- 1**

**DATE ISSUED:** 3/10/98

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**I. IDENTIFICATION & PHYSICAL DATA**

**PERCENT VOLATILE:** NA  
**BOILING POINT:** NA  
**VAPOR DENSITY:** >Air  
**APPEARANCE:** Silver Paste  
**ODOR:** Mild

**VAPOR PRESSURE:** NA  
**SOLUBILITY IN WATER:** Low  
**EVAPORATION RATE:** <BUAC  
**SPECIFIC GRAVITY:** NA

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**II. HAZARDOUS INGREDIENTS**

**CAS#**

**WT %**

**TOXICITY DATA**

Silver flake

7440-22-4

60

See Ingredient 310200 MSDS

Silver is the only Epo Tek H20E-LV, Part A ingredient that requires MSDS reporting per Mass. RTK.

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**III. FIRE & EXPLOSION DATA**

**FLASH POINT:** >200F

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Avoid fumes liberated by heat.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus and complete personal protective equipment. Remove all ignition sources. Use a water spray to cool fire exposed containers.

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**IV. REACTIVITY DATA**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Excessive heat.

**MATERIALS TO AVOID:** Strong oxidizing and reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fumes produced when heated to decomposition may include carbon monoxide, and carbon dioxide.

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To the best of our knowledge, the information contained herein is accurate. Epoxy Technology Inc., however, assumes no liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

## V. HEALTH HAZARD DATA

Epo Tek H20E-LV, Part A

### EFFECTS OF OVER EXPOSURE

**INGESTION:** May be moderately toxic.

**INHALATION:** Hot vapors can cause headaches, nausea, dizziness, and respiratory irritation.

**SKIN CONTACT:** Can cause dermatitis.

**EYE CONTACT:** Irritating to the eyes. Can cause injury.

**CHRONIC EFFECTS OF OVER EXPOSURE:** Can cause dermatitis and sensitization. See MSDS for silver - Ingredient 310200.

### EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** In case of eye contact, flush well with water and consult a medical professional.

**SKIN CONTACT:** In case of skin contact, clean with soap and water. Do not use solvents.

**INGESTION:** If swallowed, contact a medical professional.

**INHALATION:** Can be irritating to respiratory tract. This type of exposure is avoidable with adequate ventilation.

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## VI. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:** Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Absorb spillage with inert material and dispose.

**WASTE DISPOSAL METHOD:** Incinerate or use hazardous waste treatment procedures that are in accordance with federal, state and local regulations.

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## VII. SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Wear an approved respirator whenever high level exposure to vapors or mist is anticipated.

**VENTILATION:** Local exhaust recommended for exposure control.

**PROTECTIVE GLOVES:** Impervious gloves - neoprene or equivalent. A combination of barrier cream and gloves is recommended.

**EYE PROTECTION:** Chemical splash goggles recommended.

**OTHER PROTECTIVE EQUIPMENT:** For operations where contact can occur, use a face shield and impervious apron. A safety shower and eye wash facility should be available.

**VIII. SPECIAL PRECAUTIONS:** Avoid contact with skin and eyes. Avoid breathing vapors. Keep containers closed when not in use. Remove all contaminated clothing immediately and wash. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential - protective skin oils can be dissolved by solvents.

**MATERIAL SAFETY DATA SHEET**

**EPOXY TECHNOLOGY  
14 FORTUNE DRIVE  
BILLERICA, MA 01821**

**PRODUCT NAME:** Epo Tek H20E-LV, Part B  
**INGREDIENT CODE NUMBER:** Not applicable

**EMERGENCY PHONE:**  
(978) 667 3805

**HMSIS: HEALTH- 2 FIRE-1 REACTIVITY- 1**

**DATE ISSUED:** 3/10/98

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**I. IDENTIFICATION & PHYSICAL DATA**

**PERCENT VOLATILE:** NA  
**BOILING POINT:** NA  
**VAPOR DENSITY:** >Air  
**APPEARANCE:** Silver Paste  
**ODOR:** Mild

**VAPOR PRESSURE:** NA  
**SOLUBILITY IN WATER:** Low  
**EVAPORATION RATE:** <BUAC  
**SPECIFIC GRAVITY:** NA

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**II. HAZARDOUS INGREDIENTS**

**CAS#**

**WT %**

**TOXICITY DATA**

Silver flake

7440-22-4

80

See Ingredient 310200 MSDS

Silver is the only Epo Tek H20E-LV, Part B ingredient that requires MSDS reporting per Mass. RTK.

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**III. FIRE & EXPLOSION DATA**

**FLASH POINT:** >200F

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Avoid fumes liberated by heat.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus and complete personal protective equipment. Remove all ignition sources. Use a water spray to cool fire exposed containers.

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**IV. REACTIVITY DATA**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Excessive heat.

**MATERIALS TO AVOID:** Strong oxidizing and reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fumes produced when heated to decomposition may include oxides of nitrogen, carbon monoxide, and carbon dioxide.

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## V. HEALTH HAZARD DATA

Epo Tek H20E-LV, Part B

### EFFECTS OF OVER EXPOSURE

**INGESTION:** Contains materials that may be moderately toxic. Ingestion can severely upset the gastric system.

**INHALATION:** Hot vapors can cause headaches, nausea, dizziness, and respiratory irritation, if inhaled.

**SKIN CONTACT:** May cause dermatitis.

**EYE CONTACT:** Irritating to the eyes. Can cause injury.

**CHRONIC EFFECTS OF OVER EXPOSURE:** May cause dermatitis and sensitization.

### EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** In event of eye contact, flush well with water and consult a medical professional.

**SKIN CONTACT:** In case of skin contact, clean with soap and water. Do not use solvents.

**INGESTION:** If swallowed, dilute with water or milk. Do not induce vomiting. Contact a medical professional.

**INHALATION:** Can be irritating to respiratory tract. This type of exposure is avoidable with adequate ventilation.

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## VI. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:** Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Absorb spillage with inert material and dispose.

**WASTE DISPOSAL METHOD:** Incinerate or use hazardous waste treatment procedures that are in accordance with federal, state and local regulations.

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**REGULATORY INFORMATION**

**EPOXY TECHNOLOGY  
14 FORTUNE DRIVE  
BILLERICA, MA 01821  
TEL: (978) 667 – 3805**

**PRODUCT NAME:** H20E-LV  
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**1. SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986 (40 CFR 372): None

**2. TSCA Inventory Status**

All the components of this product are listed on the TSCA Inventory.

**3. RCRA Status**

This product contains the following chemicals listed on the 40 CFR Part 261.33: None

**4. CERCLA Status**

This product contains the following chemicals listed on the 40 CFR Part 302.4: None

**5. Transportation**

Part A

Not Restricted

Part B

Not Restricted

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The information contained herein is given in good faith. However, no guarantee or warranty of any kind expressed or implied is made with respect to this information.