

**MATERIAL SAFETY DATA SHEET**

**Section I PRODUCT IDENTIFICATION**

**Manufacture:** Vinylex Corporation  
P.O. Box 7187  
Knoxville, TN 37921

**Information Phone:** 865-690-2211  
**Emergency Phone:** 865-690-2211

**Product Class:** Ethylene Vinyl Acetate  
**Trade Name:** Ethylene Vinyl Acetate  
**Product Code:** D, R, Z Series  
**Formula:** EVA

**Hazard Ratings:** None to Extreme  
0 to 4

**Health:** Fire  
React.

**Specification:** E Designated Compounds

**MSDS Date:** 10.23.07

**Section II HAZARDOUS INGREDIENTS**

| <u>Ingredients</u> | <u>CAS #</u> | <u>Weight %</u> | <u>Exposure Limits</u><br><u>ACGIH/TLV OSHA/PEL</u> | <u>VP</u><br><u>Mn HG</u> |
|--------------------|--------------|-----------------|---|---------------------------|
| Vinyl Acetate      | 108-05-4     | <0.1            | 10ppm 20ppm   |                           |

\*Toxic Chemical as defined by OSHA, 29CFR 1910.1200 and subject to SARA Title III, Section 313 reporting requirements.

**Section III PHYSICAL DATA**

**Melting Point:**  
**Evaporation Rate:**  
**Volatiles, vol. %** Negligible  
**Solubility in water:** Negligible  
**Appearance:** Various colors

**Vapor Density:**  
**Liquid Density:**  
**Specific Gravity:** 0.93 – 0.97  
**V.O.C.**  
**Odor:** Mild ester - like

**Section IV FIRE & EXPLOSION HAZARD DATA**

**Flash Point:** 500°F  
**LEL:** NG  
**UEL:** NG

**Extinguishing Media:** Carbon Dioxide – Dry Chemical – Foam – Water

**Special Fire Fighting Procedures:** In fire condition use a self-contained breathing apparatus approved for acid vapors and wear protective clothing.

**Unusual Fire and Explosion Hazards:** Combusted with difficulty.

**Section V HEALTH HAZARD DATA**

**Effects of Overexposure:**  
**Inhalation:** Acute & chronic – None are currently known.  
**Skin:** Negligible hazard at ambient temperature.  
**Ingestion:** Not a probable route of entry.

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**First Aid:**

**Skin Contact:** If molten material gets on the skin, cool rapidly with cold water. Obtain medical treatment for thermal burn.

**Eye Contact:** In case of contact, immediately flush eyes with water for 15 minutes. Call a physician.

**Section VI REACTIVITY DATA**

**Stability:**  Unstable  Stable  
**Hazardous Polymerization:**  May occur  will not occur  
**Incompatibility:** Strong Acids or oxidizing agents.  
**Conditions to Avoid:** Combustion or decomposition liberates hydrogen chloride gas.  
**Hazardous Decomposition Products:** Organic vapors, carbon monoxide and carbon dioxide.

**Section VII SPILL OR LEAK PROCEDURES**

**Steps to be taken in case material is spilled:** Sweep up and return to container.

**Waste Disposal Method:** Dispose of in compliance with federal, state and local regulations.

**Section VIII SPECIAL PROTECTION INFORMATION**

**Respiration protection:**

With adequate ventilation consistent with good industrial workplace practices, there is no need to use a respirator during normal processing of EVA. Use local exhaust if needed.

**Ventilation:**

Provide sufficient mechanical ventilation to afford good air-exchange in the workplace consistent with good industrial hygiene practices.

**Protective Gloves:** Heat Insulating

**Eye Protection:** The wearing of safety glasses is consistent with good industrial practices.

**Other Protective Equipment:** None

**Section IX SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:** Wash with soap and water after handling.

**Other precautions:** Avoid breathing decomposition products.

**Preparer:**

**Mike Trapp/Polymer Laboratory Manager & Environmental Coordinator**

**Date Revise: 10.23.07**