

# MATERIAL SAFETY DATA SHEET

## ----- SECTION I - MANUFACTURER IDENTIFICATION -----

**MANUFACTURER:** Schaefer Machine Co., Inc.  
200 Commercial Drive  
Deep River, CT 06417

**TELEPHONE:** (860) 526-4000  
(800) 535-5053 24 Hour Chemical Emergency

**PRODUCT:** Trade Name - LR200 Resin Cement  
Chemical Name - Ethylene Vinyl Acetate Compound  
D.O.T. Class - Not Regulated

## ----- SECTION II - INGREDIENTS -----

MATERIAL	CAS #	WEIGHT%	TLV/STEL	TLV/TWA
† Vinyl Acetate Monomer	*108-05-4	<0.5	10ppm	20ppm

† See Special note in section V

## ----- SECTION III - PHYSICAL DATA -----

Appearance: White Colored viscous liquid  
Odor: Slight Odor  
Viscosity: 1500 cps. Max. Brookfield  
PH: 4.5 - 5.5  
Vapor Density: >1 Heavier than air  
Solubility in Water: Complete  
Volatile % (by weight): 45.0  
Specific Gravity: >1 (Water = 1)  
Evaporation Rate: Slower than Ether

## ----- SECTION IV - FIRE AND EXPLOSION HAZARD -----

Flash Point: N/A  
Extinguishing Media: Foam, CO2, Dry Chemical

Special Fire Fighting: Wear OSHA/NIOSH approved, pressure demand self contained breathing apparatus with full protective equipment. Cool fire exposed containers with water spray.

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## ----- SECTION V - HEALTH HAZARD DATA -----

Inhalation: Not considered a problem (see special note below) If any symptoms of overexposure occur, remove victim to fresh air and call physician.

Skin Contact: Prolonged or repeated contact with product may cause skin irritation.

Eye Contact: May cause irritation and temporary eye damage.

†Special Note: This product contains small amounts of vinyl acetate monomer. ACGIH evaluated vinyl acetate (1993) as an A3 - Animal Carcinogen...Available evidence suggest that the agent is not likely to cause cancer in humans except under uncommon or unlikely routes of exposure. The International Agency for Research on Cancer (IARC) published a monograph on vinyl acetate (1995). In the monograph IARC indicated "there is inadequate evidence in humans for carcinogenicity of vinyl acetate. There is limited evidence in experimental animals for carcinogenicity of vinyl acetate." Normally, this lack of conclusive evidence would place a substance in the IARC Category 3 classification (Not classified as a human carcinogen). However, because vinyl acetate is metabolized to acetaldehyde, which has an IARC 2B (Possibly carcinogenic to humans) classification, it also has been listed under Category 2B.

## ----- SECTION VI - FIRST AID -----

Inhalation: Remove subject to fresh air.

Eye & Skin Contact: Immediately and thoroughly wash eyes with plenty of water for at least 15 minutes and see a physician if irritation occurs; wash skin thoroughly with soap and water, remove and wash contaminated clothing before reuse.

Ingestion: Call physician immediately. Drink large amounts of water induce vomiting then repeat.

## ----- SECTION VII - REACTIVITY DATA -----

Stability: This material is stable. May be incompatibility with strong acids or amines.

Decomposition Products: Thermal decomposition may produce carbon monoxide or CO<sub>2</sub>.



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## ----- SECTION VIII - SPILL & LEAK PROCEDURES -----

Keep all unprotected and unnecessary people away. Dike and contain spill with inert material (sand, earth, etc) And transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water. Dispose of in manner approved by Federal, State, and Local authorities. Caution - floors may become slippery.

## ----- SECTION IX - SPECIAL PROTECTION -----

Ventilation: Local exhaust at point of use. Open windows, doors etc.

Respiratory Protection: None required if adequate ventilation is maintained. If adequate ventilation is not achievable and TLV's are exceeded or if individual respiratory irritation occurs, use an OSHA approved organic vapor respirator.

Skin: Gloves, apron, long sleeves & pants to avoid direct contact with skin.

Eyes: Safety Goggles recommended.

## ----- SECTION X: STORAGE & LABELING -----

Storage Temp: 60 degrees C max., 140 degrees F max. Keep from freezing.

General: Practice reasonable care and cleanliness. If transferred to new container reproduce all markings & cautions on new container.

## ----- SECTION XI: HAZARD RATING -----

Health	- 1	4 = Extreme
Flammability	- 0	3 = High
Reactivity	- 0	2 = Moderate
		1 = Slight
		0 = Insignificant

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