

VPI #165 Conductive Adhesive

Material Safety Data Sheet

DATE: May 14, 2013
CODE #2071600

1. Chemical Product and Company Identification:

COMPANY: VPI Corporation
3123 S. 9th Street
Sheboygan, WI 53082-0451
920-451-5848

EMERGENCY PHONE: 800-424-9300 (CHEMTREC)

TRADE NAME: VPI #165 Conductive Acrylic Adhesive

PRODUCT DESCRIPTION: Waterborne acrylic dispersion adhesive

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS:

MATERIAL	CAS #	% BY WT.	OSHA EXPOSURE GUIDELINES	
			TLV-TWA	PEL-STEL

No known hazardous ingredients at levels above 1% by weight

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW: Can cause eye irritation

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: No effect known.

INGESTION: Not likely to occur. If swallowed, no side effects known.

INHALATION: No effect known.

CHRONIC EFFECTS / CARCINOGENICITY:

IARC: Not suspected as a human carcinogen.

OSHA: Not suspected as a human carcinogen.

NTP: Not suspected as a human carcinogen.

OTHER: None known.

4. FIRST AID MEASURES:

EYES: Immediately flush with water for 15 minutes. Contact a physician if irritation occurs.

SKIN: Wash with soap and water. Contact a physician if irritation occurs.

INGESTION: Induce vomiting, contact a physician.

INHALATION: Remove to fresh air. Contact a physician if irritation occurs.

Continued on next page:

5. FIRE FIGHTING MEASURES AND FIRE HAZARDS:

FLASH POINT (°) F: None.

LOWER FLAMMABLE LIMIT: None.

UPPER FLAMMABLE LIMIT: None.

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO₂, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, H₂O, N_xO, and other products from the burning of aromatic hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispense sand or vermiculite. Collect and place in waste container. Wash area thoroughly with water.

7. HANDLING AND STORAGE:

HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Keep out of the reach of children.

STORAGE: Store above 40°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not normally required with good ventilation.

SKIN PROTECTION: Wear gloves if contact with material is likely.

EYE PROTECTION: Wear splash goggles if contact with material is likely.

ENGINEERING CONTROLS: Normal room ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE AND ODOR: White colored paste with little or no odor.

SPECIFIC GRAVITY (WATER = 1): 1.165

BOILING POINT (°F): 212

VAPOR PRESSURE: Same as water.

VAPOR DENSITY (air=1): Same as water.

% VOLATILE BY WEIGHT: 27

pH: 9.0

10. STABILITY AND REACTIVITY:

CHEMICAL STABILITY: Stable.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

Continued on next page:

