

**Material Safety Data Sheet  
For Coatings, Resins and Related Materials**

Manufacturer's Name:  
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January 25, 2005 New ( )

Information Phone  
(304) 755-3328

**Section I - Product Identification**

Product Number: 795 & J-545-F Adhesive Product Name: Duct Adhesive

Product Class: Water-Based Latex Compound (Mixture)

Transportation Information: Shipping Class 55, Paint (no special labels required)

**Section I I- Hazardous Ingredients**

<b>Ingredient</b>	<b>Percent By Weight</b>	<b>Occupational Exposure Limits TLV</b>	<b>Vapor Pressure</b>
Vinyl Acetate (residual monomer) [108-05-4]	0.3%	Not established	Not available
Dipropylene Glycol Dibenzoate [20109-39-1]	15	Not established	2.29 X 10 <sup>-7</sup> mmHg 77°F
Chlorinated Paraffin [61788-76-9]	8 - 10	Not established (see Section V)	Not volatile

**Section III - Physical Data**

Boiling Range: 212°F Vapor Density: Lighter than air pH: 9 Volatile Volume: 46 – 50%

Evaporation Rate: Slower than ether Wt/Gal: 10 lbs. VOC (lbs/gals): 20 gm/l; 0.17 lb/gal

Specific Gravity: 1.25 Solubility in Water: Appreciable Freezing Point: 25°F (-4°C)

Viscosity: 5,000 cps. Decomposition Temperature: Approximately 240°F (115°C)

**Section IV - Fire and Explosion Hazard Data**

Flammability Classification: Flash Point: No flash to boiling 212°F (TCC); OSHA - IIIB; DOT - Not regulated  
LEL: Not available

Extinguishing Media: Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazards: None known

Special Firefighting Procedure: Product will not burn until water has boiled or evaporated. For dried film or residual solids, full protective equipment is recommended, including self-contained breathing apparatus.

**Section V - Health Hazard Data**

A TLV for this mixture has not been established. Therefore, the following effects of overexposure are those of the components listed in Section II.

**Vinyl Acetate:** Eyes - tearing, stinging, redness; Respiratory - coughing, soreness in respiratory tract, chest tightness, difficult breathing.

**Dipropylene Glycol Dibenzoate:** Mild irritation to eyes and nose. Dermal LD<sub>50</sub> (rabbits) 2,000 mg/kg. Inhalation LD<sub>50</sub> (rats) 200 mg/L (4 hrs.) Oral LD<sub>50</sub> (rats) 2,500 mg/kg.

**Chlorinated Paraffin:** Acute exposure may produce mild, reversible skin and eye irritation. Chronic exposure suggests slight hazard should massive systemic exposure occur, with the liver as the probable target organ. Recent National Toxicology Program studies have shown that a C<sub>12</sub>, 59% chlorinated paraffin increased the incidence of tumors in laboratory animals when force fed in combination with corn oil at high doses for long periods of time. Listed on NTP "ATPTD Human Carcinogen"; IARC Group 2A or 2B Carcinogen; CA Prop 65-Carcinogen; PA Special HAZ Substance; NJ Special Health HAZ Substance.

Medical Conditions Prone to Aggravation by Exposure: Persons with preexisting lung disorders may be more susceptible.

Primary Routes of Entry: Dermal or Inhalation

Emergency and First Aid Procedure: *Skin:* wash with soap and water. *Eyes:* flush with clean water at least 15 minutes. If irritation persists, consult physician. *Inhalation:* remove to fresh air. If breathing is difficult, administer oxygen. If irritation persists, consult physician. *Ingestion:* Do not induce vomiting. Give several glasses of milk or water, seek medical attention. **Never give anything by mouth to an unconscious person.**

#### Section VI - Reactivity Data

Stability: Stable      Hazardous Polymerization: Will not occur      Conditions to avoid: Elevated Temperatures

Hazardous Decomposition Products: CO, CO<sub>2</sub>, HCl, H<sub>2</sub>O

Incompatibility (Materials to Avoid): Materials incompatible with water and strong alkalis.

#### Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Follow Section VIII handling procedures. Ventilate area. Contain the liquid with inert materials such as sand. Absorb liquids using an inert material & shovel into containers. Prevent product from entering streams or drinking water supplies. Before drying, product may be washed away with water; after drying, remove with a paint scraper or strong solvent.

Waste Disposal Method: In accordance with all applicable regulations. Review hazard section of this sheet before attempting cleanup. Empty containers are non hazardous under RCRA as industrial waste.

#### Section VIII - Safe Handling and Use Information

Respiratory Protection: In restricted ventilation areas, use approved chemical vapor respirator. In applications where mists or spray may be generated, avoid inhalation of airborne particulates by using an approved respirator with organic vapor cartridge with prefilter for mist or dust.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory.

Other Protective Equipment: Eyebath

Protective Gloves: Impervious gloves    Eye Protection: Goggles, faceshield, or other eye wear to protect from splash.

Hygienic Practices: Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

#### Section IX - Special Precautions

Precautions to be Taken in Handling and Storing: Avoid breathing vapors and application to hot surfaces, as vapor may be irritating. Keep container closed. Use with adequate ventilation. Store indoors at temperatures of 45°F to 90°F.

Other Precautions: For Industry/professional use only. Not intended for retail sale or use by individual consumers. Do not reuse container for potables or edibles.

#### Section X - Sara Status

This mixture contains the following materials regulated under Section 313:

NONE