

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

Manufacturer's Name:  
Vimasco Corporation, P.O. Box 516, Nitro, W.Va. 25143

Emergency Phone  
(304) 755-3328

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December 9, 2005 New ( )

Information Phone  
(304) 755-3328

**Section I - Product Identification**

Product Number: 727

Product Name: Laminating Adhesive

Product Class: Latex, Water- Based Adhesive

Transportation Information: Shipping Class, Paint, Class 55; non hazardous (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>
Triisopropylated Phenyl Phosphate [115-96-8]	10 to 15	Not established	.25mmHg 320°F
Vinyl Acetate- [108-05-4]	<0.3	10ppmTWA	Not available
Hexylene Glycol [107-41-5]	2-3	25ppm(ceiling ACGIH)	.05mmHg 68°F

**Section III - Physical Data**

Boiling Range: 210°F

Vapor Density: Lighter than air

pH: 7.0 to 8.0

Evaporation Rate: Slower than ether

Volatile Volume: 42%

Wt/Gal: 10 lbs.

Specific Gravity: 1.2

Solubility in Water: Appreciable

Freezing Point: 32°F (0°C)

Viscosity: 2,000 to 8,000 centipoises

Decomposition Temperature: Approximately 240°F (115°C)

VOC (lbs/gal): 43 g/L; 0.359 lbs/gal (less water)

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

Flammability Classification: Flash Point: No flash to boiling 210°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.

**Triisopropylated Phenyl Phosphate:** Can be irritating to skin, respiratory system, mucous membranes and eyes. Breathing or ingestion of large quantities can cause neurological disturbances which may progress to delayed neurotoxicity, characterized by ataxia.

**Vinyl Acetate:** Eyes- tearing, stinging, redness; Respiratory - coughing, soreness in respiratory tract, chest tightness, difficult breathing. (Note: vinyl acetate monomer has been listed by IARC as a suspect carcinogen based on animal studies).

**Hexylene Glycol:** In high concentrations, can be an irritant to eyes, skin, and mucous membranes. Large oral doses produce narcosis. Oral LD<sub>50</sub>(rat) - 4.7 g/kg.

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:* give two glasses of water, induce vomiting, consult physician or poison control center. ***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: Thermal decomposition will yield CO, CO<sub>2</sub>, H<sub>2</sub>O, traces of fragmented short-chain hydrocarbons, trace amounts of ammonia and formaldehyde and acidic vapor of phosphorous oxide.

Incompatibility (Materials to Avoid): Strong alkalis and the presence of iron or zinc will catalyze the deterioration.

#### 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: None

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:

Vinyl Acetate	0.3% by weight
[108-05-4]	

We believe the information here is current as of the date of this MSDS. Please study it carefully and apply appropriate engineering controls and industrial hygiene practices. As the conditions of use of this product and information are not within our control, it is the user's obligation to determine the conditions of safe use.