

**\*\*\* MATERIAL SAFETY DATA SHEET \*\*\***

**FOR COATINGS, RESINS, AND RELATED MATERIALS**

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DATE WRITTEN: 11/15/04 DATE ISSUED: 01/05/05

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NUMBER: **Valprene® VI 220**  
PRODUCT NAME: Water Based Coating  
PRODUCT CLASS: Polymer Blend

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT:	% WGHT	OSHA PEL	ACGIH-TLV
None applicable			

**SECTION III - PHYSICAL DATA**

BOILING POINT: 212°F  
VAPOR DENSITY (Air=1): < Water  
WT/GAL: 11.9 lbs.  
VAPOR PRESSURE (mmHg): 17 mmHg @ 68°F  
EVAPORATION RATE: (BUTYL ACETATE=1) <1water  
APPEARANCE AND ODOR: White liquid with slight odor

SPECIFIC GRAVITY: 1.4  
PERCENT VOLATILE: 30 (water)  
pH: 8 - 9

**SECTION IV - FIRE AND EXPLOSION DATA**

FLASH POINT (METHODS USED) Noncombustible

FLAMMABLE LIMITS: LEL UEL  
N/A N/A

EXTINGUISHING MEDIA: Water, carbon dioxide or dry chemicals

UNUSUAL FIRE AND EXPLOSION HAZARD: Material can splatter above 212°F. Dried product can burn.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus (pressure demand MSHA/NIOSH approved or equivalent) and full protective gear.

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**SECTION V - HEALTH HAZARDS**

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EFFECTS OF OVER EXPOSURE:

INHALATION: May cause headache and nausea.

SKIN CONTACT: Possible primary irritation (material is slightly alkaline).

EYE CONTACT: Primary irritation.

MEDICAL CONDITION PRONE TO AGGRAVATION: NONE KNOWN

PRIMARY ROUTE OF ENTRY:  DERMAL  INHALATION  INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

SPLASH (SKIN): Remove with soap and water. Remove contaminated clothing.

SPLASH (EYES): Flush immediately with large amount of water for at least 15 minutes. Consult physician.

INGESTION: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

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**SECTION VI - REACTIVITY DATA**

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STABILITY:  UNSTABLE  STABLE

HAZARDOUS POLYMERIZATION:  MAY OCCUR  WILL NOT

HAZARDOUS DECOMPOSITION PRODUCTS: Burning of dried coating can produce carbon dioxide & carbon monoxide.

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Scoop or mop up spills. Absorb with sand, vermiculite, etc. Transfer to containers for discarding. Wear proper protective gear.

**WASTE DISPOSAL METHOD:** Dispose of in closed containers. Do not incinerate. Bury in landfill where permitted. Disposal should be done in accordance with federal, state and local regulations.

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**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

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**RESPIRATORY PROTECTION:** Approved mechanical filter respirator to remove solid airborne particles or overspray during spray application.

**VENTILATION:** Use with adequate ventilation. Provide exhaust system when used in enclosed areas.

**PROTECTIVE GLOVES:** Required for long or repeated contact. Rubber type suggested.

**EYE PROTECTION:** Use protective goggles or safety glasses.

**OTHER PROTECTION:** Eye bath.

**HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using washroom.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS FOR HANDLING AND STORAGE:** Keep material from freezing. Keep closure tight and container upright to prevent leakage. Do not store above 125°F.

**OTHER PRECAUTIONS:** Do not take internally. Avoid prolonged or repeated contact with skin. Do not get into eyes. Use adequate ventilation

**HMIS**

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HEALTH	1
FLAMABILITY	0
REACTIVITY	0
EQUIPMENT	B