

PRODUCT NAME: VINYL ESTER NOVOLAC COATING- PART OPA
PRODUCT CODE: VNC-OPA-1000

HMIS CODES: H F R P
 2 3 2 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Polymerica, Inc.
ADDRESS : 3821 Collins Lane
 Louisville, KY 40245

EMERGENCY PHONE : 1-800-535-5053 **DATE PRINTED :** 4/1/08
INFORMATION PHONE : 1-800-762-1678

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
* Vinyl ester resin	0068002-44-8	7	20 C 70% TO 80%
Styrene: ACGIH TLV 20 ppm TWA 40 ppm STEL skin OSHA PEL 50 ppm TWA, 100 ppm STEL			
Titanium Dioxide	13463-67-7	N/A	N/A 0% TO 10%
PEL (OSHA)- TiO2- 15 mg/m3, total dust, 8 Hr. TWA TLV (ACGIH)- TiO2- 10 mg/m3, total dust, 8 Hr. TWA, A4 AEL (DuPont)- TiO2- 10 mg/m3, total dust, 8 Hr. TWA 5 mg/m3, respirable dust, 8 Hr. TWA			
Unsaturated polyeste-viscous alkyd (prepolymer)	65556-71-0	5	20 C 0% TO 10%
None Established			
Siloxanes & Silicones	67762-90-7	N/A	N/A 0% TO 10%
Siloxanes & silicones, di-Me, reaction products w/ silica: ACGIH 5 mg/m3 resp. 10 mg/m3 total dust.			
Cobalt Napthenate	61789-51-3	2	68 F 0% TO 10%
Cobalt napthenate: TLV 0.1 mg/m3 Mineral spirits: TLV 350 mg/m3			
Carbon Black	1333-86-4	N/A	N/A 0% TO 10%
Carbon black: ACGIH- TLV 3.5 mg/m3 OSHA- PEL 3.5 mg/m3			
Acrylate Copolymer	26376-86-3	5	302 F 0% TO 10%
None Established			
Aliphatic Petroleum Distillates	064742-47-8	6	68 F 0% TO 10%
Aliphatic Petroleum Distillates: 500ppm OSHA TWA, 100ppm ACGIH TWA Mineral Spirits: 500ppm OSHA TWA, 100 ppm ACGIH TWA			

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 313 F - 401 F **SPECIFIC GRAVITY (H2O=1):** 1.1713
VAPOR DENSITY: 3.6 (Styrene) **EVAPORATION RATE:** Heavier than air
 (Air=1).

COATING V.O.C.: 2.83 lb/gl **MATERIAL V.O.C.:** 2.83 lb/gl
SOLUBILITY IN WATER: NIL.
APPEARANCE AND ODOR: Moderately viscous liquid, color varies with specific pigmentation. Pungent odor.

Skin contact may aggravate an existing dermatitis (skin condition). Overexposure to vapor, dust or mist may aggravate existing respiratory conditions such as asthma, bronchitis, and inflammatory or fibrotic respiratory disease.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with potable water immediately for 15 minutes. If irritation develops, get medical attention.

Skin: Remove with soap and warm water.

Ingestion: DO NOT induce vomiting. Get immediate medical attention.

Inhalation: Remove to fresh air. If unconscious, apply mouth to mouth resuscitation.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flammable material. Isolate from all sources of ignition. Protect personnel involved in clean up from vapors of styrene. Soak up spill with absorbant material such as clay or sand. Residual resin may be removed by steam cleaning or by use of solvents.

WASTE DISPOSAL METHOD

Place in covered container for disposal. Dispose in an approved incinerator or an approved landfill in accordance with federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Provide ventilation to keep styrene TLV below the exposure guideline value. If TLV exceeded, use a NIOSH approved respirator. Keep containers tightly closed when not in use. If mixtures of parts A & B are allowed to remain in the mixing vessel past the pot-life deadline, heat and a strong reaction will result.

OTHER PRECAUTIONS

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

If TLV exceeded or being spray applied, use NIOSH approved organic vapor cartridge or positive pressure breathing apparatus.

VENTILATION

Use good general mechanical ventilation and local exhaust.

PROTECTIVE GLOVES

Wear neoprene or natural rubber gloves.

EYE PROTECTION

NIOSH approved safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Body protection as necessary to prevent skin contact. Wash after handling. Provide eye wash fountain and safety shower.

WORK/HYGIENIC PRACTICES

Avoid breathing vapor mist or spray. Provide eye wash fountain and safety shower. Wash hands thoroughly after use, before eating or smoking.

===== SECTION IX - DISCLAIMER =====

The product information contained herein is believed to be accurate as of the date of the Material Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.