

# Material Safety Data Sheet

Revision Date: 2/25/10

NA = Not Applicable NE = Not Established

## Section 1. General Information

Product name: **ipatop VO – Liquid Component**  
 Chemical Family: Acrylic Latex Emulsion  
 Manufacturer: **IPA Systems, Inc.**  
 2745 North Amber Street, Philadelphia, Pa. 19134  
 Phone: 800-523-3834 • 215-425-6607  
 Fax: 215-425-6234  
 E-mail: info@ipasystems.com  
 Website: www.ipasystems.com

Emergency Phone Number - Chemtrec: 800-424-9300

## Section 2. Hazardous Ingredients

<u>Name:</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Threshold Limit Value (units)</u>
Formaldehyde (F)	50-00-0	.002	1 ppm
Acrylic Latex Emulsion	NA	30 - 70	Not hazardous

## Section 3. Physical Data

Boiling Point: 212°F (100°C)	Specific Gravity: (H <sub>2</sub> O = 1): 1.04
Vapor Pressure (mm Hg.): 17 mm Hg @ 20°C	Percent Volatile by Volume: NE
Vapor Density (Air = 1): < 1	Evaporation Rate (BAC = 1): < 1
Solubility in Water: Dilutable	pH: 9.3
Appearance and Odor: White liquid	

## Section 4. Fire and Explosion Hazard Data

Flash Point: Noncombustible  
 Autoignition Temperature: NA  
 Flammable Limits: LEL = NA UEL = NA  
 Extinguishing Media: Use extinguishing media appropriate for surrounding fire.  
Special Fire Fighting Procedures: NA  
Unusual Fire and Explosion Hazards: Material can splatter above 212°F (100°C). Polymer film can burn.

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## **Section 5. Health Hazard Data**

OSHA Permissible Exposure Limit: TWA = 1 ppm (F) ACGIH Threshold Limit Value: 1 ppm (F)

Carcinogen – NTP Program: Yes (F)

Carcinogen – IARC Program: Yes (F)

### Symptoms of Exposure:

Eye contact: Can cause eye irritation.

Skin: Irritating on prolonged or repeated contact.

Inhalation: Can cause headache, nausea, irritation of nose, throat and lungs.

Medical Conditions Aggravated by Exposure: NERoutes of Entry: Ingestion, Inhalation, Skin Contact, Eye Contact

### **Emergency and First Aid Procedures:**

Eye Contact: Immediately flush well with large amounts of water for 15 minutes. Seek medical attention.Skin Contact: Wash thoroughly with soap and water.Inhalation: Move subject to fresh air.Swallowing: Dilute by giving 2 glasses of water to drink. Seek medical attention.

## **Section 6. Reactivity Data**

Stability: StableConditions to Avoid: Temperatures above 350°F (177°C)Incompatibility (Materials to Avoid Contact): None knownHazardous Decomposition or By-Products: Thermal decomposition may yield acrylic monomers.Hazardous Polymerization: Will not occur.

## **Section 7. Procedures for Safe Handling and Use**

Spill Response: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately by diking with inert material (e.g., sand, earth). Transfer liquid and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoffs from entering municipal sewers or open bodies of water.

Waste Disposal Method: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate liquid and contaminated solids according to federal, state and local regulations.

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## **Section 8. Control Measures**

Eye Protection: Wear chemical splash goggles (ANSI Z87.1 or approved equivalent).

Respiratory Protection: Wear MSHA/NIOSH half-mask dust/mist when mist occurs.

Skin Protection: Wear neoprene gloves.

Ventilation: Local exhaust, minimum capture velocity 100 ft/min.

Other Protection: Eyewash facility

## **Section 9. Special Precautions**

Keep from freezing; material may coagulate.

Precautions for Repair and Maintenance of Contaminated Equipment: NA

Other Precautions: NA