

Material Safety Data Sheet

Revision Date: 3/8/91

NA = Not Applicable NE = Not Established

Section 1. General Information

Product name: **Levelall Primer**

Chemical Family: Aqueous Polyvinyl Acetate Emulsion

Formula: Proprietary

D.O.T. Hazard Classification: Not restricted

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.comWebsite: www.ipasystems.com

Emergency Phone Number - Chemtrec: 800-424-9300

Section 2. Hazardous Ingredients

<u>Name:</u>	<u>Percent</u>	<u>Threshold Limit Value</u>
Formaldehyde (F)	< 0.1	1 ppm
Vinyl acetate polymer (VA)	< 50	10 ppm TWA, 20 ppm STEL

Section 3. Physical Data

Boiling Point: 212°F (100°C)

Specific Gravity: (H₂O = 1): 1.1

Vapor Pressure (mm Hg.): as water

Percent Volatile by Volume: 70 – 80

Vapor Density (Air = 1): as water

Evaporation Rate: Equal to water

Solubility in Water: 100%

pH: 3.8 – 4.6

Appearance and Odor: White mobile liquid, pleasant sweet odor

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Section 4. Fire and Explosion Hazard Data

Flash Point: None

Autoignition Temperature: None

Flammable Limits: LEL = NA UEL = NA

Extinguishing Media: For dried product use water or carbon dioxide.

Special Fire Fighting Procedures: When dried polymer burns, water, carbon dioxide, carbon monoxide and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein and acetaldehyde. Firefighters should use supplied air and protective clothing.

Unusual Fire and Explosion Hazards: None

Section 5. Health Hazard Data

OSHA PEL: 1 ppm STEL – (F)
2 ppm for any 15 minute period – (F)
10 ppm TWA – (VA)

ACGIH TLV: 1 ppm TWA – (F)
10 ppm TWA – (VA)

Carcinogen – NTP Program: No

Carcinogen – IARC Program: No

Symptoms of Exposure: Inhalation of formaldehyde vapors is irritating to the respiratory tract. Eye contact: Direct liquid contact may irritate eyes. Skin Contact: Vinyl acetate can cause eye and respiratory irritation at high air concentrations.

Medical Conditions Aggravated by Exposure: May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

Routes of Entry: Inhalation, Skin and Eye Contact

Emergency and First Aid Procedures:

Eye Contact: Flush well with large amounts of running water. Get medical attention.

Skin Contact: Wash affected area with plenty of soap and water.

Inhalation: Remove victim to fresh air. Give assisted respiration as needed.

Section 6. Reactivity Data

Stability: Stable

Conditions to Avoid: Coagulation may occur following freezing, thawing or boiling.

Incompatibility (Materials to Avoid Contact): None known

Hazardous Decomposition or By-Products: Product will react violently with any water-sensitive material such as sulfuric acid or alkali materials such as sodium or metal hydrides.

Hazardous Polymerization: Will not occur.

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Section 7. Procedures for Safe Handling and Use

Spill Response: Use care to avoid falls; material is slippery. Mop up with inert material and place in containers. Ventilate area. For large quantities place in settling pond and add ferric chloride and lime. Decant water. Dispose of solids in landfill. Emulsion can be incinerated directly under appropriate conditions.

Waste Disposal Method: All federal, state and local regulations regarding health and pollution should be followed when disposing of contaminated water or recovered material. Dispose of solids in landfill. Emulsion can be incinerated directly under appropriate conditions.

Section 8. Control Measures

Eye Protection: Chemical goggles with side shield or full face shield.

Respiratory Protection: Wear suitable respirator, MSHA/NIOSH-approved dust and mist type.

Skin Protection: Impervious rubber gloves.

Ventilation: Local and mechanical exhaust sufficient to maintain concentration below the exposure guidelines.

Section 9. Special Precautions

Hygienic Practices in Handling and Storage: Use in ventilated area. Normal cleanliness should be observed.

Precautions for Repair and Maintenance of Contaminated Equipment: NE

Other Precautions: Open containers in well ventilated areas. Keep from freezing.