



# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

<b>Product ID:</b>	<b>VF-774 (EPS 2774)</b>
Product Name:	ACRYLIC EMULSION
Product Use:	Resin product.
Print date:	01/Apr/2010
Revision Date:	30/Mar/2010

### Company Identification

EPS Materials  
1400 N. STATE ST.  
MARENGO, IL 60152

**EPS Tech Info Phone:** 1-800-601-8111

**24-Hour Medical Emergency Phone:** 1-888-345-5732

## 2. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

### Eye Contact:

None known.

### Skin Contact:

None known.

### Ingestion:

None known.

### Inhalation:

None known.

## 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

If this section is blank there are no hazardous components per OSHA guidelines.

## 4. FIRST AID MEASURES

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### Eye Contact:

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water.

### Skin Contact:

Wash off with plenty of water.

### Ingestion:

Get medical attention if symptoms occur

### Inhalation:

Get medical attention, if symptoms develop or persist. Move to fresh air.

### Medical conditions aggravated by exposure:

Any respiratory or skin condition.

## 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	201
Flash point (Celsius):	94
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

### Unusual fire and explosion hazards:

None known.

### Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

### Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Action to be taken if material is released or spilled:

Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid contact with eyes.

## 7. HANDLING AND STORAGE

### Precautions to be taken in handling and storage:

Keep container closed when not in use. Do not freeze. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

#### Eye and face protection:

Wear safety glasses or goggles to protect against exposure.

#### Skin protection:

Usual hand protection for handling resin products.

**Other Personal Protection Data:**

Usual clothing for handling resin products.

**Respiratory protection:**

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

**Ventilation**

Ensure adequate ventilation, especially in confined areas.

**Exposure Guidelines****OSHA Permissible Exposure Limits (PEL's)****ACGIH Threshold Limit Value (TLV's)****9. PHYSICAL PROPERTIES**

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	24 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	0.6
Boiling point:	not determined
Solubility in water:	Complete (soluble in all proportions)
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	8.8
Specific Gravity:	1.056
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	201
Flash point (Celsius):	94
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined

**10. STABILITY AND REACTIVITY**

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected.

**11. TOXICOLOGICAL INFORMATION**

**Mutagens/Teratogens/Carcinogens:** None known.

**12. ECOLOGICAL DATA**

No information on ecology is available.

### 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORTATION INFORMATION

#### U.S. Department of Transportation

Proper Shipping Name: RESIN, NOT REGULATED

#### U.S. Highway & Rail Shipments

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

#### Reportable Quantity Description:

#### International Air Transport Association (IATA):

Proper Shipping Name: RESIN SOLUTION

#### International Maritime Organization (IMO):

Proper Shipping Name: RESIN SOLUTION

### 15. REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS:

##### SARA 311/312 Hazard Class:

Acute:	no
Chronic:	no
Flammability:	no
Reactivity:	no
Sudden Pressure:	no

#### U.S. STATE REGULATIONS:

#### Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

#### Pennsylvania Right To Know:

#### Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
WATER	7732-18-5

#### Rule 66 status of product

Not photochemically reactive.

#### INTERNATIONAL REGULATIONS - Chemical Inventories

#### US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

#### Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

### 16. OTHER INFORMATION

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### HMIS Codes

**Health:** 0  
**Flammability:** 1  
**Reactivity:** 0  
**PPE:** X - See Section 8 for Personal Protective Equipment (PPE).

### Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

### Disclaimer:

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information.

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### Preparation Information:

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