



# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

**Product ID:** VF-774 (EPS 2774)  
**Product Name:** ACRYLIC EMULSION  
**Product Use:** Resin product.  
**Effective date:** 07/Apr/2009  
**Revision Date:** 14/Jan/2009

### 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 WHMIS guidelines.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

#### 4. FIRST AID MEASURES

**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°F (94°C)
Lower explosive limit:	not determined %
Upper explosive limit:	not determined %
Autoignition temperature:	not determined -°F (°C)
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°F (94°C)
Lower explosive limit:	not determined %
Upper explosive limit:	not determined %
Autoignition temperature:	not determined -°F (°C)

**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:**

## 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

### Canadian Transport of Dangerous Goods

Proper Shipping Name: RESIN, NOT REGULATED

### TDG Clear Language Exceptions:

For Dangerous Goods, the supplier may apply one of the following exceptions (TDG Reference): Limited quantity/Consumer Commodity (1.17), Does not sustain combustion, etc. (2.18), Viscous liquid (2.19), Flammable liquid General Exemption (1.33) or US DOT Reciprocity (9.1,3 & 4). Please consult current TDG regulations before applying any of these exceptions to subsequent shipments.

### International Air Transport Association (IATA):

Proper Shipping Name: RESIN SOLUTION

### International Maritime Organization (IMO):

Proper Shipping Name: RESIN SOLUTION

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS - Chemical Inventories

#### Canada Domestic Substances List:

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

#### US TSCA Inventory:

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

#### Canada National Pollutant Release Inventory:

## 16. OTHER INFORMATION

### HMIS Codes

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

## 16. OTHER INFORMATION

### 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:

Prepared By: Regulatory Affairs Department  
Print date: 07/Apr/2009  
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### Technical Information:

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