



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: VF-774
Product Name: ACRYLIC EMULSION
Product Use: Resin product.
Print date: 20/Jun/2012
Revision Date: 26/Apr/2012

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:

- Severe eye irritation

Skin Contact:

- May cause defatting of the skin.
- Causes skin irritation.
- May cause sensitization by skin contact.

Ingestion:

- Irritation of the mouth, throat, and stomach.

Inhalation:

- May cause irritation of respiratory tract.

This product contains ingredients that may contribute to the following potential chronic health effects:

- Possible sensitization.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE

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

4. FIRST AID MEASURES

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention.

Inhalation:

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

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. Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

To prevent skin contact wear protective clothing covering all exposed areas. 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

Use only in well-ventilated areas. 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):	23.0
Boiling point:	212°F (100°C)
Solubility in water:	Complete (soluble in all proportions)
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	8.70
Specific Gravity:	1.044
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

9. PHYSICAL PROPERTIES

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

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
PROPRIETARY ADDITIVE	1 - 5	= 1310 mg/kg Oral LD50 Rat

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

UN ID Number (msds): NRRESN
Proper Shipping Name: RESIN SOLUTION, NOT REGULATED

U.S Hazmat and/or International DG shipment exceptions

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):

UN ID Number (msds): NRRESN
Proper Shipping Name: RESIN SOLUTION, NOT REGULATED

International Maritime Organization (IMO):

IMO UN/ID Number (msds): NRRESN
Proper Shipping Name: RESIN SOLUTION, NOT REGULATED

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

15. REGULATORY INFORMATION

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
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:

PROPRIETARY ADDITIVE	Trade Secret
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Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY INGREDIENT	Trade Secret

Rule 66 status of product	Not photochemically reactive.
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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

HMIS Codes

Health:	2*
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:

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Preparation Information:

Prepared By:	Regulatory Affairs Department
Print date:	20/Jun/2012
Revision Date:	26/Apr/2012