

MATERIAL SAFETY DATA SHEET

SUPERPATCH/MARINE FIX FAST HARDENER

PRODUCT NAME: SUPERPATCH/MARINE FIX FAST HARDENER
PRODUCT CODE: 371085341

HMIS CODES: H F R P
2 1 0 H

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ECLECTIC PRODUCTS, INC.
ADDRESS : 1075 ARROWSMITH
EUGENE OR 97402

125681 Part# 5300031
EPOXY PASTE, MARINE FIX, 4-OZ
1762000 ECLECTIC PRODUCTS, INC
Buyer: Bernard W. Aubuchon Jr.

EMERGENCY PHONE : (800) 535-5053
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DATE REVISED : 06/28/04
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NAME OF PREPARER : Regulatory
Compliance

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), WEIGHT PERCENT. Includes entry for Polyalkylamines and Crystalline Silica with detailed OSHA and ACGIH exposure limits and a warning about lung disease.

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\* # Proposition 65 Statement: This product contains a chemical known to the State of California to cause cancer.

DOT Classification: Corrosive liquid N.O.S (polyalkylamine), 8, UN 1760, PGIII ERG #154
Limited Quantities (one gallon or less): Consumer Commodity ORM-D

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: >400 DEG F
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than ether.
APPEARANCE AND ODOR: Pale yellow liquid, mild phenolic odor.
SPECIFIC GRAVITY (H2O=1): 1.05
MATERIAL VOC: 0.00 lb/gal
SOLUBILITY IN WATER: Negligible

VOC calculations are based on the federal EPA definition of volatile organic compound under the Clean Air Act. State and local air quality authorities may have more stringent regulation.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 DEG F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A
METHOD USED: Calculated
UPPER: N/A

EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water Spray

**SPECIAL FIREFIGHTING PROCEDURES**

Water or foam may cause frothing. Use water to cool fire-exposed containers. Fire fighters should wear self-contained, positive pressure, breathing apparatus and full protective gear.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Fire conditions may generate toxic or irritating vapors such as carbon monoxide, phenol, ammonia or other hazardous decomposition products.

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**SECTION 5 - REACTIVITY DATA**

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**STABILITY: Stable**  
**CONDITIONS TO AVOID**

Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Reacts violently with acids. Avoid contact with oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Ammonia, phenol, carbon monoxide, carbon dioxide may be formed on burning in limited air supply.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 6 - HEALTH HAZARD DATA**

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**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause severe irritation of upper respiratory tract.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Skin and Eye: Corrosive to eyes and skin. Can cause severe irritation experienced as pain with blinking and tear production, and seen as extreme redness and chemical burns to the eye. Severe eye damage may cause blindness. Can cause severe irritation and chemical burns to skin. Blister formation and possible tissue destruction may result.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Long term skin contact may possibly cause adverse skin effects such as rash, irritation or tissue damage.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Causes burning of mouth, throat and stomach with abdominal and chest pain, nausea, vomiting, diarrhea, thirst, weakness and collapse. Aspiration may occur during swallowing or vomiting resulting in lung damage.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Causes severe eye and skin irritation with chemical burns. Repeated exposure by inhalation may result in lung damage. May cause allergic reaction/sensitization with persistent irritation or dermatitis.

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Pre-existing eye, skin, or chronic respiratory disorders (i.e. asthma, chronic bronchitis, emphysema, etc.).

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### **EMERGENCY AND FIRST AID PROCEDURES**

**SKIN:** If drenched, remove contaminated clothing under safety shower and flood exposed areas with water. Get immediate medical attention. Discard or decontaminate clothing and shoes before reuse. Destroy contaminated leather apparel. **EYES:** Flush thoroughly with water for at least 15 minutes. Get immediate medical attention. **INGESTION:** If person is conscious and can swallow, immediately give 2 glasses of water. This material is corrosive. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately. **INHALATION:** If affected, remove to fresh air. If not breathing, apply artificial respiration. Get medical attention.

## **SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Ventilate spill area. Wear skin, eye, and respiratory protection during cleanup. Dike area, soak up with absorbent and shovel into waste container, cover and remove from work area. Prevent contamination of ground or surface waters.

### **WASTE DISPOSAL METHOD**

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Do not get in eyes, on skin or clothing. Avoid breathing vapors or mist. Keep containers closed. Use only in well ventilated locations. Eye wash and safety shower should be nearby when this product is handled or used. Avoid periods of exposure to high temperatures and water contamination.

### **OTHER PRECAUTIONS**

Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep containers closed and drum bungs in place. Work station conditions should be evaluated by management to determine most appropriate personal protection for their employees particular use.

## **SECTION 8 - CONTROL MEASURES**

### **RESPIRATORY PROTECTION**

Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated in excess of the occupational exposure limit of the product, or any component of the product, wear an appropriate NIOSH or MSHA approved respirator. Work station conditions should be evaluated by management to determine proper protective equipment. A dust respirator is recommended when sanding cured epoxy material.

### **VENTILATION**

Local exhaust and general ventilation recommended.

### **PROTECTIVE GLOVES**

Wear resistant gloves such as natural rubber, neoprene, nitrile rubber or other impervious material.

**MATERIAL SAFETY DATA SHEET**  
**SUPERPATCH/MARINE FIX FAST HARDENER**

Page: 4

**EYE PROTECTION**

Chemical splash goggles. Do not wear contact lenses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

A synthetic apron and long sleeves are recommended to minimize skin contact.

**WORK/HYGIENIC PRACTICES**

Do not eat, drink, or smoke in the work area. Wash thoroughly after handling.

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**SECTION 9 - DISCLAIMER**

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To the best of our knowledge, the information provided herein is accurate, obtained from sources believed to be accurate. Since the conditions and methods of use of our product are beyond our control, we disclaim any and all liability arising out of the improper use of this product or the information provided herewith.

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**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**SUPERPATCH/MARINE FIX FAST RESIN**

**Page: 1**

**PRODUCT NAME: SUPERPATCH/MARINE FIX FAST RESIN**  
**PRODUCT CODE: 371085340**

**HMIS CODES: H F R P**  
**2 1 0 C**

**===== SECTION 1 - MANUFACTURER IDENTIFICATION =====**

**MANUFACTURER'S NAME: ECLECTIC PRODUCTS, INC.**  
**ADDRESS : 1075 ARROWSMITH**  
**EUGENE OR 97402**

**EMERGENCY PHONE : (800) 535-5053**  
**INFORMATION PHONE : (800) 767-4667**

**DATE REVISED : 2/18/02**  
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**Compliance**

**===== SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====**

<b>REPORTABLE COMPONENTS</b>	<b>CAS NUMBER</b>	<b>VAPOR PRESSURE mm Hg @ TEMP</b>	<b>WEIGHT PERCENT</b>
Epoxy Resin	Mixture	<0.5	68 DEG F
Bisphenol A/epichlorohydrin based epoxy resin	25085-99-8	0.03	170 F
LD50: >5000 mg/kg (oral-rat)			
LD50: 20000mg/kg (dermal-rabbit)			

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

DOT Classification: Not regulated.

**===== SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS =====**

**BOILING RANGE: >250 DEG F**                      **SPECIFIC GRAVITY (H2O=1): 1.22**  
**VAPOR DENSITY: Heavier than air.**              **MATERIAL VOC: 0.00 lb/gl**  
**EVAPORATION RATE: Slower than ether.**        **SOLUBILITY IN WATER: Negligible**  
**APPEARANCE AND ODOR: Viscous liquid with ether-like odor.**

VOC calculations are based on the federal EPA definition of volatile organic compound under the Clean Air Act. State and local air quality authorities may have more stringent regulation.

**===== SECTION 4 - FIRE AND EXPLOSION HAZARD DATA =====**

**FLASH POINT: >200 DEG F**                      **METHOD USED: SETA**  
**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A**              **UPPER: N/A**

**EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water Fog**

**SPECIAL FIREFIGHTING PROCEDURES**

Although product is considered to be non-flammable, fire fighters should wear goggles and self-contained breathing apparatus appropriate for surrounding combustibles to avoid inhalation of smoke and vapors.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Fire conditions may generate toxic or irritating vapors such as carbon monoxide, phenol, ammonia

or other hazardous decomposition products.

===== SECTION 5 - REACTIVITY DATA =====

**STABILITY:** Stable  
**CONDITIONS TO AVOID**

Heat and warm storage. Do not store above 120 DEG F.

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
Strong oxidizers, acids and bases.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**  
Carbon monoxide, carbon dioxide, smoke. Other possible products unknown.

**HAZARDOUS POLYMERIZATION:** Will not occur.

===== SECTION 6 - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**  
Not likely to be a relevant route of exposure. However, under conditions where vapors or mists are generated, exposure could cause respiratory tract irritation.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**  
**SKIN:** Moderate irritation. May cause skin sensitization evidenced by rashes, especially hives.  
**EYES:** Moderate irritation. Possible minor temporary corneal injury.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**  
Not likely to be absorbed in toxic amounts.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**  
May be moderately toxic if swallowed.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**  
May be a skin sensitizer. May cause upper respiratory tract and lung irritation. Avoid breathing mists or vapors.

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**  
Possible aggravation to pre-existing skin and eye disorders. Pre-existing skin or lung allergies may increase the chance of developing increased allergy symptoms.

**EMERGENCY AND FIRST AID PROCEDURES**  
**EYES:** Immediately flush with clean flowing water for at least 15 minutes lifting eyelids to ensure thorough flushing. **SKIN:** Wash thoroughly with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. **INHALATION:** If affected, remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. **INGESTION:** Do not induce vomiting unless advised to do so by a physician. Get medical attention immediately.

===== SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

**SUPERPATCH/MARINE FIX FAST RESIN**

Ventilate area. Absorb with suitable absorbant material and scoop into a closed container. Wear protective equipment during clean-up.

**WASTE DISPOSAL METHOD**

At this time, this material or its containers would not be considered hazardous wastes as defined under the federal RCRA regulations (40 CFR 261) if discarded. However, it is the responsibility of the product user to determine at the time of disposal whether a material meets the definition of a hazardous waste. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state, and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

This material may cause sensitization. Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Avoid contact with vapors and fumes. Avoid prolonged or repeated contact.

**OTHER PRECAUTIONS**

Wear protective equipment sufficient to prevent skin and eye contact. Wash thoroughly after handling and before eating, drinking, or using the restroom facilities. In accordance with good industrial hygiene, clean up work station after each shift. Work station conditions should be evaluated by management to determine proper personal protection for their employees particular use.

===== SECTION 8 - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

A NIOSH approved organic vapor respirator should be worn if conditions of use generate mist or heated vapor, for cleaning large spills, or upon entry into confined spaces where product is being used. A dust respirator is recommended when sanding cured epoxy material.

**VENTILATION**

Local exhaust and general ventilation recommended.

**PROTECTIVE GLOVES**

Chemical resistant plastic or rubber gloves are recommended.

**EYE PROTECTION**

Safety glasses with side shields or goggles as appropriate.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

As required to minimize contact.

**WORK/HYGIENIC PRACTICES**

Do not eat, drink, or smoke in the work area. Wash thoroughly after handling.

===== SECTION 9 - DISCLAIMER =====

To the best of our knowledge, the information provided herein is accurate, obtained from sources believed to be accurate. Since the conditions and methods of use of our product are beyond our control, we disclaim any and all liability arising out of the improper use of this product or the information provided herewith.