



# SAFETY DATA SHEET

Material Identity: Fasco #88 Clear Paste Part 1

**SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION**

**MANUFACTURER INFORMATION:**

Fasco Epoxies, Inc.  
2550 North U.S. Highway 1  
Fort Pierce, FL 34946  
**E-Mail:** FascoEpoxiesInc@gmail.com  
**Customer Service:** (305) 821-9441

**24 HR. Emergency Phone Contact:**

CHEMTREC  
1-800-424-9300

**PRODUCT NAME:** Fasco #88 Clear Paste Part 1

**PRODUCT CODE:** F88-T Part 1

**Synonyms:** Complex Hydrocarbon Mixture

**Product Description:** Resin

**SECTION 2 - HAZARDS IDENTIFICATION**

**GHS CLASSIFICATIONS**

**[Health]**

Skin irritation Category 2  
Skin sensitization Category 1  
Eye irritation Category 2

**[Environmental]**

Aquatic Toxicity (Chronic)  
Category 2  
Aquatic Toxicity (Acute),  
Category 2

**[Physical]**

**GHS Label Elements, Including Precautionary Statements:**



**Pictograms:**

**Signal Word:** Warning

**HAZARD STATEMENT(S):**

H303: May be harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H320: Causes eye irritation.



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H318 Causes serious eye damage.  
H411: Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENT(S):

### Prevention:

P264 Wash skin thoroughly after handling.  
P261: Avoid breathing fumes, dust, vapors, gases, or spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection / face protection.

### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P333+P313: If skin irritation or rash occurs: Seek medical attention.  
P362: Take off contaminated clothing and wash before reuse.  
P312: Call a POISON CENTER or physician if you feel unwell.  
P321: Specific treatment (see Section 4: First Aid).  
P391: Collect spillage.

### Disposal:

P501: Dispose of container and its contents in accordance with all Federal, State, and local regulations.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Bisphenol-A	70-75	25068-38-6
Trade Secret	10-15	XXXXX
Non Hazardous Fillers	05-10	XXXXX

## SECTION 4 - FIRST AID MEASURES

**EYE CONTACT:** Flush eyes thoroughly with running water for 15 minutes remove contact lenses after initial 1-2 minutes and continue flushing. If effects occur, consult a physician or ophthalmologist as appropriate.

**SKIN CONTACT:** Remove material from the skin immediately by washing with soap and plenty of water; remove contaminated clothing and shoes while washing; obtain medical attention if irritation persists. Wash clothing prior to reuse. Do not reuse clothing or personal items which cannot be decontaminated.

**INGESTION:** Do not induce vomiting unless directed to do so by medical personnel. If swallowed, obtain medical attention.

**INHALATION:** Move exposed person to fresh air. If effects occur obtain medical attention.

**NOTES TO PHYSICIAN:** If skin sensitization has developed and a causal relationship has been confirmed, further exposure should not be allowed.



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**ANTIDOTES:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION 5 - FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and various hydrocarbons.

**OTHER CONSIDERATIONS:** The product is not in the flammable range, but will burn. Carbon monoxide possible where incomplete combustion occurs.

**FIRE FIGHTING PROCEDURES:** Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustion products may include but are not limited to: phenolics, carbon monoxide and carbon dioxide; smoke may contain particles of original materials as well.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container.

**LARGE SPILL:** Use a shovel to put the material in to a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**GENERAL PROCEDURES:** Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. All spills should be contained as best as possible. All chemical spills should be assumed to be hazardous to the environment to ensure safety.

### SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Avoid prolonged or repeated contact with skin; wash thoroughly after handling. Avoid use of electric band heaters. Never apply direct flame to any container of product.

**STORAGE:** Store in original container protected from direct sunlight in a cool, dry and adequate ventilation. Keep away from open flames. Do not store in unlabeled containers.

**STORAGE TEMPERATURE:** 2°C (35°F) Minimum to 43°C (109°F) Maximum.

**Notes:** Material may crystallize during prolonged storage. Material can be warmed up to (160F) to dissolve crystals and used as recommended.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION



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## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TVL	
Chemical Name		PPM	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>
Bisphenol-A	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]
Trade Secret	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]
Non Hazardous Fillers	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]
<b>Footnotes:</b> 1. N/E = Not Established					

**ENGINEERING CONTROLS:** Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses or goggles as appropriate.

**SKIN:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**CLOTHING:** Protective clothing as necessary to guard against inadvertent product contact; safety shoes.

**RESPIRATORY:** Not normally required. In the event of an inhalation risk, use with local exhaust ventilation. If this is not practicable wear a half mask respirator Vapor respirator may be required if exposure limits are exceeded.

**WORK HYGIENIC PRACTICES:** Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**FLASH POINT AND METHOD:** > 200°C (390°F) Closed Cup

**AUTOIGNITION TEMPERATURE:** No data available.

**BOILING POINT:** No data available.

**MELTING/FREEZING POINT:** No data available.

**VAPOR PRESSURE:** < 1 mm Hg @ 77°C

**VAPOR DENSITY (Air = 1):** No data available.

**ODOR/APPEARANCE:** No Odor/ whitish Paste

**FLAMMABILITY LIMITS:** No data available.

**SPECIFIC GRAVITY:** 1.16

**VOLATILE %:** No data available.

**EVAPORATION RATE:** No data available.

**pH:** Approximately Neutral.



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**SOLUBILITY IN WATER:** Insoluble.

## SECTION 10 - STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal conditions of storage and use. Product may crystallize after prolonged storage, but this is a reversible condition. Crystallized material can be liquefied by heating slowly to 50°C for 6-24 hours.

**CONDITIONS TO AVOID:** Elevated temperatures.

**INCOMPATIBLE MATERIALS:** Acids, bases, amines, strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur by itself.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (Rat)	DERMAL LD <sub>50</sub> (Rabbit)
Bisphenol A/epichlorohydrin Resin	>5000 mg / kg (Rat)	>20000 mg / kg (Rabbit)
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivatives	17100 mg / kg (Rat)	> 4000 mg / kg (Rabbit)

### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

**EYE EFFECTS:** Eye irritant

**SKIN:** Contact can cause redness and irritation Sensitizer.

**EYES:** Liquid contact will cause stinging and tearing.

**INHALATION:** Excessive inhalation of high concentrations may be irritating.

**INGESTION:** If swallowed, this material may irritate the mucous membranes of the mouth, throat, and esophagus.

### ACUTE ORAL TOXICITY:

Bisphenol-A: LD50 Rat: >5,000 mg/kg

### ACUTE INHALATION TOXICITY:

Monononylphenol: No data available.

### ACUTE DERMAL TOXICITY:

Monononylphenol: 20,000 mg/kg

## SECTION 12 - ECOLOGICAL INFORMATION

**ENVIRONMENTAL EFFECTS:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Water polluting material. May be harmful to the environment if released in large quantities.

**BIOACCUMULATION/ACCUMULATION:** According to the results of tests of biodegradability, this product is not readily biodegradable.

**MOBILITY:** No known significant effects or critical hazards.

## SECTION 13 - DISPOSAL CONSIDERATION



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Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION) ROAD OR RAIL:

**PROPER SHIPPING NAME:** Environmentally hazardous substance, liquid, n.o.s. (Contains Bisphenol-A)

**PRIMARY HAZARD CLASS/DIVISION:** 9

**UN/NA NUMBER:** UN3082

**PACKING GROUP:** III

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Not Regulated by DOT

### AIR (ICAO/IATA)

**SHIPPING NAME:** Environmentally hazardous substances, solid, n.o.s.

**TECHNICAL NAME:** Epoxy Resin

**UN/NA NUMBER:** 3077

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Environmentally hazardous substances, solid, n.o.s.

**TECHNICAL NAME:** Epoxy Resin

**UN/NA NUMBER:** 3077

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

**EmS:** F-A,S-F

**MARINE POLLUTANT #1:** Listed.

**COMMENTS:** Marine Pollutant; Epichlorohydrin

## SECTION 15 - REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Immediate (Acute) health hazard.

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None required.

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** None required

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)



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**CERCLA REGULATORY:** None required.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All Components listed.

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Epichlorohydrin 106-89-8

**OSHA HAZARD COMM. RULE:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

## CANADA

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Class D-2B: Toxic material causing other toxic effects.

<b>SECTION 16 OTHER INFORMATION</b>
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## NFPA RATINGS:

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	1
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	0

**RATINGS NOTES:** The customer is responsible for determining the PPE code for this material.

**MANUFACTURER DISCLAIMER:** This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.