



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### MANUFACTURER INFORMATION:

Fasco Epoxies, Inc.  
2550 N U.S.1 Fort Pierce, FL 34946  
E-Mail: Sales@FascoEpoxies.com  
Customer Service: (305) 821-9441

24 HR. Emergency Phone Contact:  
CHEMTREC

PRODUCT NAME: Fasco #110 Fast Set Glue Part 2

GENERAL USE: Adhesive

PRODUCT CODE: F110FS Part 2

Synonyms: Epoxy Glue

Product Description: Hardener

## SECTION 2 - HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### [Health]

Skin Corrosion, Category 1  
Eye Corrosion, Category 1  
Respiratory Tract Irritation,  
Category 1  
Skin Sensitization, Category 1

#### [Environmental]

Aquatic Toxicity (Acute),  
Category 1  
Aquatic Toxicity (Chronic),  
Category 4

#### [Physical]

### GHS Label Elements, Including Precautionary Statements:

#### Pictograms:



Signal Word: DANGER

### HAZARD STATEMENT(S):

H314: Causes severe skin burns and eye damage.  
H305: May be harmful if swallowed and enters airways.  
H317: May cause an allergic skin reaction.



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

H412: Harmful to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENT(S):

### Prevention:

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

P273: Avoid release to the environment.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

### 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.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P310: Immediately call a POISON CENTER or doctor/physician.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

### Disposal:

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

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Nonylphenol	30-55	84852-15-3
Non Hazardous Fillers (Trade Secret)	01-10	XXXXX
Trade Secret	06-12	XXXXX
Benzyl Alcohol	02-04	100-51-6
Mixed Cycloaliphatic Amines	2-6	XXXXX
DETA	09-13	111-40-0
4,4'-isopropylidenediphenol	05-10	80-05-7

## SECTION 4 - FIRST AID MEASURES

**EYES:** Flush eyes for at least 15 minutes, holding eyelids open. Do not use eye ointment. If easily accomplished, check for and

remove contact lenses. If contact lenses cannot be removed, seek immediate medical attention.

**SKIN:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and

shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

**INGESTION:** Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**NOTES TO PHYSICIAN:** Treat symptomatically. May require supportive therapy as needed. Severe exposure should be followed by at least 48 hour monitoring.

## SECTION 5 - FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not categorized as flammable by GHS Standards. May be combustible at high temperatures above flash point.

**EXTINGUISHING MEDIA:** Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Dry sand. Limestone powder.

**HAZARDOUS COMBUSTION PRODUCTS:** Produces carbon oxides. (CO, CO<sub>2</sub>)

**OTHER CONSIDERATIONS:** Do not allow run-off from fire fighting to enter drains or water courses.

**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.

**FIRE FIGHTING EQUIPMENT:** Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

## 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 ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical equipment. Ground all equipment containing this material. Do not ingest or breathe vapors/fumes. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. A NIOSH respirator is required if permissible exposure limits are exceeded.



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

**STORAGE:** Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

**SPECIAL SENSITIVITY:** Avoid storage in direct sunlight.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 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>
Nonylphenol	TWA	N/E [1]	[1]	N/E <sup>[1]</sup>	[1]
Non Hazardous Fillers (Trade Secret)	TWA	N/E [1]	6	[2]	10 <sup>[2]</sup>
Benzyl Alcohol	TWA	10	44	[1]	10 <sup>[1]</sup>
DETA	TWA	N/E [1]	N/E [1]	1 Skin	4
4,4'-isopropylidenediphenol	TWA	N/E [1]	N/E [1]	N/E [1]	N/E [1]
<b>Footnotes:</b>					
1. Inhalable					

**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:** Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

**SKIN:** Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

**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.

**PROTECTIVE CLOTHING:** Long sleeve shirts and trousers without cuffs. Impervious clothing.

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



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste.  
**ODOR:** Ammonia like odor.  
**APPEARANCE:** Amber Paste.  
**pH:** No data available.  
**PERCENT VOLATILE:** No data available.  
**FLASH POINT AND METHOD:** >101°C (213°F) Closed Cup  
**FLAMMABLE LIMITS:** No data available.  
**AUTOIGNITION TEMPERATURE:** No data available.  
**VAPOR PRESSURE:** 3 mm Hg @20°C  
**VAPOR DENSITY:** No data available.  
**BOILING POINT:** > 292°C (200°F)  
**FREEZING POINT:** No data available.  
**MELTING POINT:** No data available.  
**SOLUBILITY IN WATER:** Slightly soluble.  
**EVAPORATION RATE:** No data available.  
**SPECIFIC GRAVITY:** 1.02 (Water = 1)  
**VISCOSITY:** No data available.  
**(VOC):** No data available.

## SECTION 10 - STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal conditions of storage and use.  
**CONDITIONS TO AVOID:** Avoid all unplanned contact with strong reactive chemicals including Acids, Bases, Oxidizers and Amines.  
**INCOMPATIBLE MATERIALS:** Amines. Incompatible with bases. Reducing agents. CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Nitrous acid and other nitrosating agents. Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Sodium hypochlorite. Organic acids (i.e. acetic acid, citric acid etc.). Mineral acids. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Oxidizing agents.  
**HAZARDOUS POLYMERIZATION:** No.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (Rat)	DERMAL LD <sub>50</sub> (Rabbit)	INHALATION LC <sub>50</sub> (Rat)
Nonylphenol	1412 mg / kg	2031 mg / kg	
Non Hazardous Fillers	>5000 mg / kg	>5000 mg/kg	2.08 mg/L (4h)
Benzyl Alcohol	1230 mg / kg	2000 mg/kg	> 4.178 mg/L



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

Mixed Cycloaliphatic Amines		>1000 mg/kg	
DETA	1080 mg/kg	1090 mg/kg	> 0.07 to 0.3 mg/L
4,4'-isopropylidenediphenol	>2000 mg / kg	3000 mg / kg	

**EYE EFFECTS:** Eye irritant, eye corrosive.

**SKIN EFFECTS:** Skin Irritant, Sensitizer.

## CARCINOGENICITY

**Notes:** Not considered carcinogenic by OSHA, NTP, or IARC.

**TARGET ORGANS:** May cause damage to the following organs: Kidneys.

## 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.

**BIODEGRADABILITY:** 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

**DISPOSAL METHOD:** Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

## SECTION 14 - TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Amines, Liquid, Corrosive n.o.s.

**TECHNICAL NAME:** Nonylphenol

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN NUMBER:** 2735

**PACKING GROUP:** 3

**MARINE POLLUTANT #1:** Nonylphenol

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Amines, Liquid, Corrosive n.o.s.

**TECHNICAL NAME:** Nonylphenol

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN NUMBER:** 2735

**HAZARD CLASS:** 8

**PACKING GROUP:** 3

### AIR (ICAO/IATA)

**PROPER SHIPPING NAME:** Amines, Liquid, Corrosive n.o.s.

**TECHNICAL NAME:** Nonylphenol

**PRIMARY HAZARD CLASS/DIVISION:** 8



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

UN NUMBER: 2735  
HAZARD CLASS: 8  
PACKING GROUP: 3

### VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Amines, Liquid, Corrosive n.o.s.  
TECHNICAL NAME: Nonylphenol  
PRIMARY HAZARD CLASS/DIVISION: 8  
UN NUMBER: 2735  
HAZARD CLASS: 8  
PACKING GROUP: 3

## SECTION 15 - REGULATORY INFORMATION

### UNITED STATES

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

311/312 HAZARD CATEGORIES: Immediate (Acute) health hazard, Chronic (Delayed) Health Hazard.

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

313 REPORTABLE INGREDIENTS: None required.

#### 302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None required

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

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.

## SECTION 16 OTHER INFORMATION

SDS REVISION DATE: December 2015

### NFPA RATINGS:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	



# SAFETY DATA SHEET

Material Identity: Fasco #110 Fast Set Glue Part 2

**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.