



SAFETY DATA SHEET

Material Identity: Fasco #110 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
1-800-424-9300

PRODUCT NAME: Fasco #110 Glue Part 2

GENERAL USE: Adhesive

PRODUCT CODE: F110 Part 2

Synonyms: Epoxy Glue

Product Description: Hardener

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

[Health]

Eye Irritation, Category 2
Skin Irritation, Category 2
Skin Sensitization, Category 1
Acute Toxicity (Dermal),
Category 4
Acute Toxicity (Inhalation),
Category 5

[Environmental]

[Physical]

GHS Label Elements, Including Precautionary Statements:

Pictograms:



Signal Word: DANGER

HAZARD STATEMENT(S):

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H361: Suspected of damaging fertility or the unborn child.



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H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects

H412: Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S):

Prevention:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe mist, vapors.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective clothing / eye protection.

Response:

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

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P308+P313: IF EXPOSED OR CONCERNED: Get medical advice/attention. - P310: Immediately call a POISON CENTER or doctor/physician.

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

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
Polyamido Amine	30-40	68953-36-6
3,6,9-triazaundecamethylenediamine	15-40	112-57-2
Trade Secret	20-30	XXXXX
Nonylphenol	05-10	84852-15-3
Non Hazardous Filler	10-15	XXXXX

SECTION 4 - FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do so. Seek immediate medical attention.

SKIN: Remove and dispose of any contaminated clothing. Flush exposed area with large amounts of water. If skin is not damaged and symptoms persist, seek medical attention.



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INGESTION: Aspiration Hazard. 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, move individual away from exposure and into fresh air. If breathing is stopped, administer artificial respiration and immediately contact a physician. If breathing is difficult or irregular oxygen may be administered by trained medical personal. If symptoms persist seek medical attention.

NOTES TO PHYSICIAN: No specific treatment, treat symptomatically. Call medical doctor or poison control center immediately if large quantities have been ingested or inhaled.

ADDITIONAL INFORMATION: Application of corticosteroid cream has been effective in treating skin irritation.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE CLASS: May be combustible at high temperature.

EXTINGUISHING MEDIA: Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Dry sand. Limestone powder.

HAZARDOUS COMBUSTION PRODUCTS: May form Ammonia gas, oxides of Carbon and Nitrogen, Noxious and Toxic fumes.

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: Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government



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regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke.

STORAGE: Do not store near acids. Keep away from alkalis. Store in steel containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Keep containers tightly closed in a dry, cool and well-ventilated place.

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

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TVL	
Chemical Name		PPM	MG/M ³	PPM	MG/M ³
Polyamido Amine	TWA	N/A	N/A		
3,6,9-triazaundecamethylenediamine	TWA	N/A	N/A		5
Trade Secret	TWA	N/A	N/A	N/A	N/A
Nonylphenol	TWA	N/A	N/A	N/A	N/A
Non Hazardous Filler	TWA	N/A	N/A	N/A	N/A
Footnotes:					
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.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste.
ODOR: Ammonia like odor.
APPEARANCE: Amber Paste.
pH: Alkaline
PERCENT VOLATILE: No data available.
FLASH POINT AND METHOD: > 117°C (240°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: > 177°C (351°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 ₅₀ (Rat)	DERMAL LD ₅₀ (Rabbit)	INHALATION LC ₅₀ (Rat)
Polyamido Amine	>3500 mg/kg	>8000 mg/kg	
3,6,9-triazaundecamethylenediamine	N/A	660 mg/kg	
Trade Secret	N/A	N/A	



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Nonylphenol	1180 mg/kg	1882 mg/kg	N/A
Non Hazardous Filler	>5000 mg / kg (Rat)	> 5000 mg / kg (dermal rabbit)	2.08 mg/L (4h)

EYE EFFECTS: Eye irritant

SKIN EFFECTS: Skin Irritant, Sensitizer.

CARCINOGENICITY

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

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: Not Regulated by DOT

PRIMARY HAZARD CLASS/DIVISION: Not Listed.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Dangerous Goods.

AIR (ICAO/IATA)

SHIPPING NAME: Not Dangerous Goods.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Dangerous Goods.

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.



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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: Irritant. Sensitizer.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-2A: Very toxic material causing other toxic effects. 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	

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.