



# SAFETY DATA SHEET

Material Identity: Fasco #9XS Super Steel Flex 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 #9XS Super Steel Flex Part 2

**PRODUCT CODE:** F9XS Part 2

**Synonyms:** Complex Hydrocarbon Mixture

**Product Description:** Hardener

## SECTION 2 - HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**[Health]**

Serious eye damage Category 1  
Skin sensitization Category 1  
Acute Toxicity (Oral) Category 4

**[Environmental]**

Aquatic Toxicity (Acute) Category 3  
Aquatic Toxicity (Chronic) Category 2

**[Physical]**

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

**Pictograms:**



**Signal Word:** Danger

**HAZARD STATEMENT(S):**

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H412 - Harmful to aquatic life with long lasting effects

**PRECAUTIONARY STATEMENT(S):**

P260 - Do not breathe dust, fume, gas, mist, spray, vapors  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors  
P264 - Wash Skin thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product



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- P271 - Use only outdoors or in a well-ventilated area
- P272 - Contaminated work clothing must not be allowed out of the workplace
- P273 - Avoid release to the environment
- P280 - Wear protective gloves, protective clothing, eye protection, face protection
- P301+P312 - If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell
- P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

**Response:**

- 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.
- 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 victim to fresh air and keep at rest in a position comfortable for breathing.
- P310 Immediately call a POISON CENTER or doctor / physician.
- P321 Specific treatment (see supplemental first aid instructions on this label.)
- P363 Wash contaminated clothing before reuse.

**Disposal:**

- P501 Dispose of contents / container to an approved waste disposal plant.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Benzyl Alcohol	<= 25	100-51-6
3-aminomethyl-3,5,5-trimethylcyclohexylamine	<= 25	2855-13-2
Salicylic Acid	< 10	69-72-7

**SECTION 4 - FIRST AID MEASURES**

- EYE CONTACT:** Protect unharmed eye. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately
- SKIN CONTACT:** Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Do not pull solidified product off skin. If skin irritation persists consult a doctor
- INGESTION:** Rinse mouth and drink plenty of water. Do NOT induce vomiting. A person vomiting while laying on their back should be turned onto their side. Call a physician immediately.
- INHALATION:** Move exposed person to fresh air. If not breathing, or if breathing is irregular provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.



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## 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.  
**FIRE FIGHTING PROCEDURES:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.  
 Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Do not get in eyes, on skin or on clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use.

**STORAGE:** Store in original container protected from direct sunlight in a cool, dry and well-ventilated area away from incompatible materials, food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

## 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>
Monononylphenol	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]
Polyoxypropyleneamine	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]
N-Aminoethylpiperazine	TWA	N/E <sup>[1]</sup>	[1]	N/E <sup>[1]</sup>	[1]



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## Footnotes:

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:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133

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

**CLOTHING:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**RESPIRATORY:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**FLASH POINT:** 205 °F

**AUTOIGNITION TEMPERATURE:** No data available.

**BOILING POINT:** 401 °F

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

**VAPOR PRESSURE:** <1 mmHg

**VAPOR DENSITY (Air = 1):** >1

**ODOR/APPEARANCE:** Light Yellow liquid with amine odor.

**FLAMMABILITY LIMITS:** No data available.

**SPECIFIC GRAVITY:** 0.968

**VOLATILE %:** No data available.

**EVAPORATION RATE:** No data available.

**pH:** No data available.

**SOLUBILITY IN WATER:** Moderately soluble.

## SECTION 10 - STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal conditions of storage and use.

**CONDITIONS TO AVOID:** No specific information.

**INCOMPATIBLE MATERIALS:** Chemical reactions are not likely to occur.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION



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## SIGNS AND SYMPTOMS OF OVEREXPOSURE:

**EYE EFFECTS:** Eye irritant

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

**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.

**ATE US (oral)** 1169.656 mg/kg body weight

**ATE US (dermal)** 1100.000 mg/kg body weight

**ATE US (gases)** 4500.000 ppmV/4h

**ATE US (vapors)** 11.000 mg/l/4h

**ATE US (dust, mist)** 1.500 mg/l/4h

## 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

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:** UN1760 Corrosive liquids, n.o.s. (Isophoronediamine)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN1760

**PACKING GROUP:** III

### Transport by sea (IMDG) :

**Proper Shipping Name (IMDG) :** CORROSIVE LIQUID, N.O.S.

**Class (IMDG) :** 8

**Packing group (IMDG) :** III

### Transport by Air

**UN-No. (IATA) :** 1760

**Proper Shipping Name (IATA) :** Corrosive liquid, n.o.s.



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Class (IATA) : 8 – Corrosives  
Packing group (IATA) : III - Minor Danger

**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)**

**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**

**NFPA RATINGS:**

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

**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.