

Fox Industries Inc.

3100 Falls Cliff Road
Baltimore, MD 21211
Phone (410) 243-8856

Material Safety Data Sheet

OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: FX-768 "A" Component

SECTION I

Manufacturer:	Fox Industries, Inc.	Emergency Number:	1-800-424-9300 CHEMTREC
Address:	3100 Falls Cliff Road Baltimore, MD 21211	Telephone Number:	(410) 243-8856
		Date Prepared:	1/2000

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> %	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Epoxy Resin	025085-99-8			

NOTE: It is very unlikely that normal work operations with FX-768 could produce concentrations that are harmful to humans.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.15
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Yellow liquid, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 480° F PMCC	Flammable Limits:	LEL	N/D	UEL	N/D
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Extinguishing Media: Foam, CO₂, dry chemical.
Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None known

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Relatively non-reactive
Incompatibility: Base	
Hazardous Decomposition or Byproducts: Carbon monoxide	
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known

(OVER)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** No **Skin?** Yes **Ingestion?** Yes

Health Hazards (*Acute and Chronic*): May cause eye irritation. Can cause allergic skin response. No hazards anticipated from ingestion incidental to industrial exposure.

Carcinogenicity: NTP? Not Listed **IARC Monographs?** Not Listed **OSHA Regulated?** Not regulated

Signs and Symptoms of Exposure: Skin, eye or irritation or sensitization

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Soak up in absorbent material such as sand and collect in suitable containers.

Waste Disposal Method: Burn in adequate incinerator or bury in an approved landfill in accordance with Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Store in cool area.

Other Precautions: Avoid breathing vapors of heated materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally needed

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean work clothing

Work/Hygienic Practices: Follow practices of good industrial hygiene.

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Material Safety Data Sheet

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IDENTITY: FX-768 "B" Component

SECTION I

Manufacturer:	Fox Industries, Inc.	Emergency Number:	1-800-424-9300 CHEMTREC
Address:	3100 Falls Cliff Road Baltimore, MD 21211	Telephone Number:	(410) 243-8856
		Date Prepared:	1/2000

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> _____ %	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Modified Poly Amine		N/D		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Unknown	Specific Gravity (H₂O =1):	.97
Vapor Pressure (mm Hg.):	<1 mmHg	Melting Point:	N/A
Vapor Density (AIR = 1):	6.53	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Dark liquid, amine odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 265°F PMCC	Flammable Limits:	LEL N/A	UEL N/A
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Extinguishing Media: Water fog, CO₂

Special Fire Fighting Procedures: Use a positive pressure, self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Handle as a flammable liquid.

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: None
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Incompatibility: Acids, bases

Hazardous Decomposition or Byproducts: Nitrogen oxides when burned

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: None known

(OVER)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes

Health Hazards (*Acute and Chronic*): May cause severe injury to skin following prolonged or repeated contact. May cause allergic responses. Ingestion may cause burns of throat and mouth.

Carcinogenicity: NTP? Not Listed **IARC Monographs?** Not Listed **OSHA Regulated?** Not Regulated

Signs and Symptoms of Exposure: Eye irritation, skin irritation.

Medical Conditions Generally Aggravated by Exposure: Skin irritation.

Emergency and First Aid Procedures: Eyes: Flush immediately for at least 15 minutes. Skin: Wash thoroughly with soap and water. Ingestion: Do not induce vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Contain spill. Broadcast absorbent material. Collect in suitable containers.

Waste Disposal Method: Incinerate in accordance with Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Store in cool area.

Other Precautions: Avoid breathing vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirators in enclosed areas.

Ventilation: Mechanical (General) Ventilation Good general ventilation.

Protective Gloves: Rubber gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean long sleeved clothing.

Work/Hygienic Practices: Follow practices of good industrial hygiene.

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Material Safety Data Sheet

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IDENTITY: FX-768 "C" Component

SECTION I

Manufacturer:	Fox Industries, Inc.	Emergency Number:	1-800-424-9300 CHEMTREC
Address:	3100 Falls Cliff Road Baltimore, MD 21211	Telephone Number:	(410) 243-8856
		Date Prepared:	1/2000

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> %	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Portland Cement	65997-15-1	5mg/m ₃		
Silica Sand	14808-60-7	.1 mg/m ₃		About 60%

NOTE: The respirable silica portion of the silica sand is less than 1%.
The TLV for respirable silica is 0.1 mg/m³

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	2.20
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	100%t	(Butyl Acetate = 1)	
Appearance and Odor:	Gray Powder		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Flammable Limits: LEL	N/A	UEL	N/A
Extinguishing Media: N/A				
Special Fire Fighting Procedures: N/A				
Unusual Fire and Explosion Hazards: N/A				

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Moisture, will harden
Incompatibility: Silica will dissolve in Hydro Fluoric Acid and produce gas.	
Hazardous Decomposition or Byproducts: None	
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known

(OVER)

