

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-494 Primer "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>
Diglycidyl Ether of Bisphenol F	28064-14-4	N/E	N/E	
Diglycidyl Ether of Cyclohexane Dimethanol	14228-73-0	N/E	N/E	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.5 @ 25°
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/D	Evaporation Rate:	Negligible
Solubility in Water:	Insoluble	(Butyl Acetate = 1)	
Appearance and Odor:	Blue Viscous Liquid, Sweet Odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >100° C (closed cup) N/A	Flammable Limits: LEL	N/A	UEL
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Extinguishing Media: Foam, CO₂, dry chemical, water spray

Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed.

Unusual Fire and Explosion Hazards: Decomposition 7 Combustion products may be hazardous.

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Incompatibility: Strong oxidizing agents, Acids, Bases

Hazardous Decomposition or Byproducts: Carbon Monoxide & Irritating Toxic Fumes

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*): Skin: Dermal irritation. Eyes: Eye irritation. Ingestion: Gastrointestinal Irritation. Inhalation: Respiratory irritation.

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

Signs and Symptoms of Exposure: Skin: Reddening , swelling, rash, blistering, scaling. Ingestion: Dizziness, weakness. Inhalation: Burning in nose and throat, chest pain. Eyes: Pain, tearing, reddening, swelling.

Medical Conditions Generally Aggravated by Exposure: Skin & eye conditions

Emergency and First Aid Procedures: Skin: Immediately remove with clean cloth, wash with soap & water. If irritation persists, get medical attention. Ingestion: DO NOT INDUCE VOMITING. Drink lots of water & consult physician. Inhalation: If symptoms occur move to fresh air & consult physician immediately. Eyes: Flush with clean water for 15mins. Consult physician if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Absorb with inert material e.g. earth sand. Sweep into labled containers. Flush area with detergent & water.

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

Precautions to Be Taken in Handling and Storing: Store in tightly closed containers in cool, dry place. Avoid high temperatures & ignition sources.

Other Precautions: Do not eat, drink or smoke when using.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not required in normal use. NIOSH respirator if spraying

Ventilation: Mechanical (General)

Local Exhaust – When suitable natural ventilation is not available, use local especially when spraying.

Protective Gloves: Butyl rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Cover as much skin as possible. Do not wear contact lenses when handling.

Work/Hygienic Practices: Follow practices of good industrial hygiene. Wash clothes before reuse.

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Material Safety Data Sheet

OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: FX-494 Primer "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>
Alkydl Amines	25620-58-0	N/E	N/E	
Alkyld Amines	107-15-3	100 ppm	N/E	
Benzyl Alcohol	100-51-6	N/E	N/E	
Amine Epoxy Adduct	001-5719	N/E	N/E	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.5 @ 25°
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	Negligible
Solubility in Water:	Partially solualbe	(Butyl Acetate = 1)	
Appearance and Odor:	Yellow liquid, aromatic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >100°F (Closed Cup) **Flammable Limits:** LEL/N/A UEL N/A

Extinguishing Media: Foam, dry chemical, water spray, carbon dioxide

Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus & full protective clothing should be worn by firefighters. No skin should be exposed.

Unusual Fire and Explosion Hazards: Decomposition & combustion products may be hazardous.

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: N/A
Incompatibility: Srong oxidizing agents, acids, bases	
Hazardous Decomposition or Byproducts: Carbon monoxide & Irritating Toxic Fumes	
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*): Skin: Dermal irritation Eyes: Eye irritation Ingestion: Gastrointestinal irritation. Inhalation: Respiratory irritation.

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

Signs and Symptoms of Exposure: Skin: Reddening, swelling, rash, blistering, scaling. Ingestion: Dizziness, weakness. Inhalation: Burning in nose & throat, chest pain. Eyes: Pain, tearing, reddening, swelling.

Medical Conditions Generally Aggravated by Exposure: Skin and eye conditions.

Emergency and First Aid Procedures: Skin: Immediately remove with clean cloth, wash with soap & water. If irritation persists, get medical attention. Ingestion: DO NOT INDUCE VOMITING. Drink lots of water & consult physician. Inhalation: If symptoms occur move to fresh air and consult physician immediately. Eyes: Flush with clean water for 15 mins. Consult physician if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Take up with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent & water.

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

Precautions to Be Taken in Handling and Storing: Store in tightly closed containers in cool, dry place. Avoid high temperatures & ignition sources.

Other Precautions: Do not eat, drink or smoke when using.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not required in normal use. NIOSH respirator if spraying.

Ventilation: Mechanical (General) Ventilation needed where vapors are present.
Local exhaust: When suitable natural ventilation is not available, use local especially when spraying.

Protective Gloves: Butyl rubber gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Cover as much skin as possible. Do not wear contact lenses when handling.

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