

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-470 "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:	1/2001

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>
	<u>%</u>			
Methyl Isobutyl Ketone	108-10-1		100 ppm	
Petroleum Solvent	64742-94-5		100 ppm	
Xylene	1330-20-7		100 ppm	
Green Ion Oxide	1308-38-9	N/E		
Epoxy Resin	25036-25-6	N/E		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	240 ° F	Specific Gravity (H₂O =1):	1.2
Vapor Pressure (mm Hg.):	40 mmHg	Melting Point:	N/A
Vapor Density (AIR = 1):	3.45	Evaporation Rate:	<1
Solubility in Water:	Insoluble	(Butyl Acetate = 1)	
Appearance and Odor:	Green liquid, solvent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	80° F PM Closed Cup	Flammable Limits:	LEL N/D	UEL
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N/D

Extinguishing Media: Dry chemical, CO₂, foam, water spray

Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn in confined areas.

Unusual Fire and Explosion Hazards: Flammable vapors form explosive mixtures with air

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Heat or open flame
Incompatibility: Acids, alkalis	
Hazardous Decomposition or Byproducts: Carbon monoxide	
Hazardous Polymerization: Will not occur	Conditions to Avoid:

(OVER)

FX-470 "A" Comp. cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): Solvent blend can be irritating to eyes and respiratory tract. Moderately toxic when ingested.

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

Signs and Symptoms of Exposure: Vapor may cause headaches and dizziness and nausea

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin: Flush with soap and water. Eyes: Flush with water for at least 15 minutes. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Remove source of ignition. Soak up with absorbent materials.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and local regulations

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

Other Precautions: Avoid breathing vapors

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respiratory in confined areas.

Ventilation: Mechanical (General) : Good general ventilation

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Long sleeve clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

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Material Safety Data Sheet

OSHA's Hazard Communication Standard,
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IDENTITY: FX-470 "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:	1/2001

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>
Xylene	1330-20-7		100 ppm	
Petroleum Solvent	64742-94-5		100 ppm	
Propylene Glycol Methyl Ether	107-98-2		100 ppm	
Polyamid Resin	68410-23-1		N/E	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 240° F	Specific Gravity (H₂O =1): 1.44
Vapor Pressure (mm Hg.): 40 mm Hg	Melting Point: N/A
Vapor Density (AIR = 1): 3.2	Evaporation Rate: <1 (Butyl Acetate = 1)
Solubility in Water: Negligible	
Appearance and Odor: Amber liquid, aromatic odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80° F PM Closed Cup	Flammable Limits: LEL N/D
UEL N/D	
Extinguishing Media: Foam, CO ₂ , dry chemical	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus in enclosed areas	
Unusual Fire and Explosion Hazards: Fire hazard when exposed to open flame	

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Heat or open flame
Incompatibility: Acids, alkalines	
Hazardous Decomposition or Byproducts: Carbon monoxide	
Hazardous Polymerization: Will not occur	Conditions to Avoid:

(OVER)

FX-470 "B" Comp. cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Solvent blend can be irritating to eyes and respiratory tract. Moderately toxic when ingested.

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

Signs and Symptoms of Exposure: Vapor may cause headaches and dizziness and nausea

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin: Flush with soap and water. Eyes: Flush with water for at least 15 minutes. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Remove source of ignition. Soak up with absorbent materials.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and local regulations

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

Other Precautions: Avoid breathing vapors

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respiratory in confined areas.

Ventilation: Mechanical (General) : Good general ventilation

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Long sleeve clothing.

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