

# 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-455 "A" Component

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### SECTION I

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

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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<u>Hazardous Components</u>	<u>CAS #</u> %	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
2 – Propoxyethanol Aromatic Solvent	2807-30-9		N/E	<5
Epoxy Resin	Non-Hazardous		N/E	<5

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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<b>Boiling Point:</b>	210-300	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.02
<b>Vapor Pressure (mm Hg.):</b>	N/D	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/D	<b>Evaporation Rate:</b>	<1
<b>Solubility in Water:</b>	Complete	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	White liquid, mild odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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**Flash Point (Method Used):** 200° F Tag Closed Cup      **Flammable Limits:** LEL N/D      UEL N/D

**Extinguishing Media:** Water spray, dry chemical, CO

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Closed containers may explode when exposed to extreme heat.

### SECTION V - REACTIVITY DATA

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<b>Stability:</b> Stable	<b>Conditions to Avoid:</b>
<b>Incompatibility:</b> None known	
<b>Hazardous Decomposition or Byproducts:</b> CO, CO <sup>2</sup>	
<b>Hazardous Polymerization:</b> Will Not Occur	<b>Conditions to Avoid:</b>

(OVER)

## SECTION VI - HEALTH HAZARD DATA

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

**Health Hazards (*Acute and Chronic*):** May cause moderate skin injury

**Carcinogenicity:** NTP? N/D                      IARC Monographs? N/D                      OSHA Regulated? N/D

**Signs and Symptoms of Exposure:** Dizziness, headache, respiratory tract irritation.

**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. Ingestion: Seek medical attention.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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**Steps to Be Taken in Case Material Is Released or Spilled:** Dike spill. Absorb material with inert, scoop up and put into disposal container.

**Waste Disposal Method:** Incinerate in furnace or bury in landfill in accordance with Federal, State and Local regulations.

**Precautions to Be Taken in Handling and Storing:** Avoid skin contact. Avoid breathing vapors, especially while spraying.

**Other Precautions:** Keep containers closed. Protect from freezing.

## SECTION VIII - CONTROL MEASURES

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**Respiratory Protection:** NIOSH approved organic vapor cartridge where ventilation is inadequate.

**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

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** FX-455 "B" Component

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### SECTION I

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

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Titanium Dioxide Amine Adduct Dispersion	<u>%</u> 13463-67-7			N/E

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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<b>Boiling Point:</b>	220°F	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.65-1.68
<b>Vapor Pressure (mm Hg.):</b>	N/D	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	>1	<b>Evaporation Rate:</b>	>1
<b>Solubility in Water:</b>	Partially soluble	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	White liquid, slight odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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<b>Flash Point (Method Used):</b> 160°F	PMCC	<b>Flammable Limits:</b>	LEL/N/D	<b>UEL</b>	N/D
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**Extinguishing Media:** Water Spray, dry chemical, CO<sub>2</sub>  
**Special Fire Fighting Procedures:** Where self-contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** None

### SECTION V - REACTIVITY DATA

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<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> None
<b>Incompatibility:</b> Acids	
<b>Hazardous Decomposition or Byproducts:</b> Oxides of Nitrogen, CO	
<b>Hazardous Polymerization:</b> Will Not Occur	<b>Conditions to Avoid:</b> None known

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## SECTION VI - HEALTH HAZARD DATA

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

**Health Hazards (*Acute and Chronic*):** Chronic: No information available. Moderate skin injury. Inhalation: May cause respiratory tract irritation.

**Carcinogenicity:** NTP? N/D                      IARC Monographs? N/D                      OSHA Regulated? N/D

**Signs and Symptoms of Exposure:** Skin, eye, or respiratory tract irritation.

**Medical Conditions Generally Aggravated by Exposure:** None known.

**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. Get medical attention.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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**Steps to Be Taken in Case Material Is Released or Spilled:** Dike spill. Absorb with inert material. Collect for disposal.

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

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

**Other Precautions:** Avoid contact with skin. Wash after handling.

## SECTION VIII - CONTROL MEASURES

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**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.