

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-464 "A" Component (1: 1)

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:	6/2009

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACIH TLV</u>	<u>Hazard Limits</u>	<u>%</u>
Epoxy Resin	025085-99-8	NE			
Silicon Dioxide	112945-52-5	10 mg/m ₃			
Epoxy Novolac	028064-14-4	NE			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	ND	Specific Gravity (H₂O =1):	1.17
Vapor Pressure (mm Hg.):	ND	Melting Point:	N/A
Vapor Density (AIR = 1):	1	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	N/A
Appearance and Odor:	Whitish, thick liquid, low odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200 F°	Flammable Limits: LEL	ND	UEL	ND
Extinguishing Media: CO ₂ , dry chemical, water spray				
Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn.				
Unusual Fire and Explosion Hazards: None known				

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid:
Incompatibility: Strong bases	
Hazardous Decomposition or Byproducts: CO, aromatic structures	
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known

(OVER)

FX-464 "A" cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*):

Carcinogenicity: NTP: N/D IARC Monographs: N/D OSHA Regulated: Not regulated

Signs and Symptoms of Exposure: Skin or irritation.

Medical Conditions Generally Aggravated by Exposure: Skin sensitization

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: Scoop up material and collect in suitable containers.

Waste Disposal Method: Burn in adequate incinerators. Bury in an approved landfill in accordance with Federal, State, and Local regulations.

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

Other Precautions: After breathing vapors and collect with heated materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Long sleeved clothing

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

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-464 "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:	6/2009

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>
Modified Cycloaliphatic Polyamine	N/E	NE			
Titanium Dioxide	13463-67-7	10 mg/m ³			
Synthetic Amorphous Silica	112945-52-5	10 mg/ m ³			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.65
Vapor Pressure (mm Hg.):	ND	Melting Point:	N/A
Vapor Density (AIR = 1):	ND	Evaporation Rate:	ND
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Gray liquid, amine odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 230°F (Tag Closed Cup)	Flammable Limits:	LEL N/D	UEL	N/D
--	--------------------------	----------------	------------	-----

Extinguishing Media: CO₂, dry chemical, water

Special Fire Fighting Procedures: Where self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: None
--------------------------	----------------------------------

Incompatibility: Acids

Hazardous Decomposition or Byproducts: Oxides of Nitrogen, CO

Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known
---	--

(OVER)

FX-464 "B" Cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): May irritate skin and eyes. Vapors can cause severe irritation of eyes and respiratory tract.

Carcinogenicity: NTP: N/D **IARC Monographs:** N/D **OSHA Regulated:** No

Signs and Symptoms of Exposure: Skin and eye irritation

Medical Conditions Generally Aggravated by Exposure: Skin and eye 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: Absorb spill with sand and collect in suitable containers. Residual can be cleaned with hot soapy water..

Waste Disposal Method: Burn in adequate incinerator or bury in approved landfill.

Precautions to Be Taken in Handling and Storing: Avoid skin contact. Avoid breathing vapors.

Other Precautions: Wash thoroughly after handling.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in enclosed area.

Ventilation: Mechanical (General) Good ventilation.

Protective Gloves: Rubber gloves **Eye Protection:** Safety Glasses

Other Protective Clothing or Equipment: Long pants & long sleeved clean clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established