

Fox Industries Inc.
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

FX-571 G "B" Component

SECTION I

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

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits</u>	<u>%</u>
Lead Peroxide	1309-60-0	0.05 mg/m ³	.15mg/m ³	
Di Butylphthalate	84-74-2	5mg/m ³		

Since the lead peroxide is dispersed in a non-volatile liquid, exposure to the hazards of the dry powder chemical are not anticipated

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D **Specific Gravity (H₂O =1):** 2.0
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate:** N/A
Solubility in Water: Negligible **(Butyl Acetate = 1)**
Appearance and Odor: Dark brown paste, slight odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 372°F TCC
Flammable Limits: LEL N/D UEL N/D
Extinguishing Media: Water
Special Fire Fighting Procedures: Avoid contact with material. Use positive pressure, self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Temperatures in excess of 150°C
Incompatibility: Easily combustible materials
Hazardous Decomposition or Byproducts: Lead fumes
Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

(OVER)

FX-571 G "B" Component – continued

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** No **Skin?** Possible **Ingestion?** Not probable

Health Hazards (*Acute and Chronic*): 58mg/kg (of lead peroxide only) Acute Hazards: headache, loss of appetite, stupor, convulsions. Chronic hazards: anemia, muscle and joint pain, neuromuscular dysfunction

Carcinogenicity: NTP? **IARC Monographs?** **OSHA Regulated?**

Di Butylphthalate has shown embryo toxic and tetatogenic effects on mice.

Signs and Symptoms of Exposure: Skin or eye irritation, weakness, fatigue, headache, stomic cramps, neuromuscular dysfunction.

Medical Conditions Generally Aggravated by Exposure: Anemia, kidney disease, pregnancy

Emergency and First Aid Procedures: Eyes - Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention. Skin - Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention. Ingestion – Induce vomiting and contact a physician.

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: Lead containing products should be segregated and returned to smelter for reclamation. Dispose of in accordance with Federal, State, and Local regulations.

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

Other Precautions: Do not swallow. Wash thoroughly before eating, drinking or smoking

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None needed for normal usage.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean long sleeve and long pant work clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

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IDENTITY: FX-571 G "A" Component

SECTION I

Manufacturer:	Fox Industries, Inc.	Emergency Number:	1-800-424-9300
Address:	3100 Falls Cliff Road Baltimore, MD 21211	Telephone Number:	CHEMTREC (410) 243-8856
		Date Prepared:	4/2000

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits %
Polysulfide Polymer	68611-50-7	N/E	
Toluene	108-88-3	100ppm	
Titanium Dioxide	13463-67-7	10.0 mg/m ³	
Chlorinated Paraffin	108171-26-2	N/E	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity (H₂O =1):	1.5
Vapor Pressure (mm Hg.):	N/E	Melting Point:	N/A
Vapor Density (AIR = 1):	N/D	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	

Appearance and Odor:

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 165° F (Tag Closed Cup)

Flammable Limits: LEL N/D **UEL** N/D

Extinguishing Media: Dry chemical, CO₂

Special Fire Fighting Procedures: Wear positive pressure, self-contained breathing apparatus

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None

Incompatibility: None Known

Hazardous Decomposition or Byproducts: CO, Sulfur Oxides

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

(OVER)

FX-571 "A" Component - continued

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): Breathing vapors can cause dizziness, nausea.

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

Signs and Symptoms of Exposure: Respiratory tract irritation, skin irritation

Medical Conditions Generally Aggravated by Exposure: None

Emergency and First Aid Procedures: Eyes - Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention. Skin - Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

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. Store in cool area. Avoid breathing vapors

Other Precautions: Wash thoroughly after handling

SECTION VIII - CONTROL MEASURES

Respiratory Protection: In confined areas NIOSH approved organic respirator.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean long sleeved, long pant clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established