

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

IDENTITY: FX-480 Epoxy Protective Coating "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: | 4/2000 |

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components | CAS # | OSHA PEL | Hazard Limits | % |
|-------------------------------|--------------|----------------------|----------------------|----------|
| Epoxy Resin | 025085-99-8 | | | |
| Titanium Dioxide | 13463-67-7 | 10 mg/m ³ | | |
| Xylene | 1330-20-7 | 100 PPM | | |
| Propylene Glycol Methyl Ether | 107-98-2 | 100 PPM | | |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|---------------------------------|-------------------------|--|------|
| Boiling Point: | None | Specific Gravity (H₂O =1): | 1.75 |
| Vapor Pressure (mm Hg.): | N/D | Melting Point: | N/A |
| Vapor Density (AIR = 1): | N/D | Evaporation Rate: | N/A |
| Solubility in Water: | Slight | (Butyl Acetate = 1) | |
| Appearance and Odor: | Green liquid, mild odor | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 89° F (PMCC)

Flammable Limits: LEL N/D UEL N/D

Extinguishing Media: Foam, dry chemical, CO²

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

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Bases

Incompatibility: Bases

Hazardous Decomposition or Byproducts: CO, CO²

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

(OVER)

FX-480 Epoxy Protective Coating "A" Component – continued

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): May cause slight eye irritation. May cause allergic skin reaction.

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

Signs and Symptoms of Exposure: Skin irritation

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin - Wash thoroughly with soap and water. Eyes - Flush with water for at least 15 minutes. Seek medical attention. Ingestion - Induce vomiting if large amounts are ingested.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Soak up with absorbent materials such as sand and collect in suitable containers. Residual can be cleaned up with hot, soapy water.

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

Precautions to Be Taken in Handling and Storing: Avoid skin contact. Avoid breathing vapors if material is heated.

Other Precautions: Keep containers closed.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally needed.

Ventilation: Mechanical (General) Good general exhaust

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.

Fox Industries Inc.
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IDENTITY: FX-480 Epoxy Protective Coating "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: | 4/2000 |

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components | CAS # | OSHA PEL | Hazard Limits | % |
|-------------------------------|--------------|----------------------|----------------------|----------|
| Aliphatic Amine Adduct | | N/D | 100 ppm | |
| Silicon Dioxide | 14808-60-7 | 10 mg/m ³ | | |
| Xylene | 1330-20-7 | 100 PPM | | |
| Propylene Glycol Methyl Ether | 107-98-2 | 100 PPM | | |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|---------------------------------|--------------------------|--|------|
| Boiling Point: | N/A | Specific Gravity (H₂O =1): | 1.55 |
| Vapor Pressure (mm Hg.): | N/D | Melting Point: | N/A |
| Vapor Density (AIR = 1): | N/D | Evaporation Rate: | N/D |
| Solubility in Water: | Slight | (Butyl Acetate = 1) | |
| Appearance and Odor: | Amber liquid, amine odor | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 89° F (Tag Closed Cup)

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

Extinguishing Media: Water, dry chemical, CO₂

Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn in confined areas. 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: CO, Oxides of nitrogen

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

(OVER)

FX-480 Epoxy Protective Coating "B" Component – continued

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): Will cause burns to skin and eyes. Vapors can cause severe irritation or eyes and respiratory tract.

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

Signs and Symptoms of Exposure: Skin and eye irritation. May lead to skin burns.

Medical Conditions Generally Aggravated by Exposure: Skin and eye irritation

Emergency and First Aid Procedures: Skin - Wash thoroughly with soap and water. Eyes - Flush with water for at least 15 minutes. 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 up with hot, soapy water.

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

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 confined areas.

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.