

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

IDENTITY: FX-498 Hydro-Ester® High Build 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:	04/2000

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Epoxy Resin	025085-99-8			
Titanium Dioxide	13463-67-7	10mg/ m ³		
Black Iron Oxide	1317-61-9	10 mg/ m ³		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	None	Specific Gravity (H₂O =1):	1.26
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:	Gray liquid, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 400° 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-498 Hydro-Ester® High Build 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.

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

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IDENTITY: FX-498 Hydro-Ester® High Build 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	%
Polyamide Resin	68410231	Not established		
Aliphatic Amine Adduct		N/D	100 ppm	
Silicon Dioxide	14808-60-7	10 mg/m ³		

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): 230° 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-498 Hydro-Ester® High Build 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.

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established