



Product Identity Proflex, Proflex-S

Section I

Bixby International Corporation
 One Preble Road
 Newburyport, MA 01950
 For Information or Emergency Call 978-462-4100
 Date Prepared 19-Oct-09

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Hazardous
Ethylene Vinyl Acetate Copolymer	>97%			
Vinyl Acetate	<0.3% 108-05-4		10 ppm	

Section III - Physical/Chemical Characteristics

Boiling Point/Method	Not Available
Vapor Pressure (mm Hg)	Negligible
Vapor Density (Air = 1)	Not Applicable
Specific Gravity (H ₂ O = 1)	.093 - .097
Melting Point	160 F - 210 F
Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water	Negligible
Appearance and Odor	Translucent Sheet

Section IV - Fire and Explosion Hazard Data

Flash Point/Method	260 C (500 F), Cleavland open cup
Flammable Limits	LEL Not Available UEL Not Available
Extinguishing Media	Water, Foam, Dry Chemical, CO ₂
Special Firefighting Procedures	Wear self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards	Powdered material may form explosive dust-air mixture.

Section V - Reactivity Data

Stability	Stable
Conditions to Avoid	None Known
Incompatibility	Material may react with strong oxidizing agents.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, Vinyl Acetate, Acetic Acid, Various hydrocarbon compounds
Hazardous Polymerization	Will not occur
Conditions to Avoid	Temperatures above 250 C

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Section VI - Health Hazard Data

Route(s) of Entry Inhalation Molten material may produce fumes irritating to the eyes, nose, and throat.
 Skin Not a probable route of entry. Molten material will cause burns.
 Ingestion Not a probable route of entry.
Health Hazards (Acute or Chronic) None Known

Carcinogenicity NTP
 IARC Monographs Vinyl Acetate
 OSHA Regulated

Signs and Symptoms of Exposure Not Known
Medical Conditions Generally Aggravated by Exposure None Known

Emergency First Aid Procedures If burned by molten material, cool under cold water. Do not peel from skin. Seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Take in Case Material is Released/Spilled Not applicable in sheet form.
Waste Disposal Method Incineration is preferred. Dispose of in accordance with state and federal regulations.
Precautions to take in Handling and Storage Store in a cool dry place. Use oldest inventory first.
Other Precautions Wear protective clothing when heating product.

Section VIII - Control Measures

Respiratory Protection If fumes develop, wear a NIOSH approved respirator for organic vapors.
Ventilation Good ventilation (10 air changes per hour) is recommended.
Eye Protection Wear safety glasses or shield.
Protective Gloves Wear protective gloves when working with hot material.
Other protective Clothing or Equipment Wear protective clothing when working with hot material.
Work/Hygienic Practices Handle in accordance with good hygiene and safety practices.

Section IX - Other Information

US Toxic Substances Control Act (TSCA) All components in the product are listed on the TSCA inventory or exempt as impurities.