

MATERIAL SAFETY DATA SHEET

REEF INDUSTRIES, INC.

HMIS CODES:

HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

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PREPARED: 8/4/2010
SUPERSEDES: 6/20/06

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PERMALON X-100 FR AND X-200 FR
GENERAL OR GENERIC ID: Fire Retardant Polyethylene Copolymer
CHEMICAL FAMILY: Polyethylene Copolymer/Metal oxide/Organic Bromide

CONTACT ADDRESS: Reef Industries, Inc.
9209 Almeda Genoa Road
Houston, Texas 77075

EMERGENCY TELEPHONE NUMBERS: (713) 507-4349 (24 Hours)
(713) 507-4200 (8:00 - 5:00 Central Time)

SECTION 2 HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

This product is not hazardous as defined in 29 CFR1910.1200
Chemicals subject to reporting requirements of SARA Title III section 313 are identified in this section

INGREDIENT:	CAS No:	% by WEIGHT:	PEL:	STEL:	NOTE:
Antimony Trioxide (Sb ₂ O ₃)	1309-64-4	1-10%	.05mg/m ³	.75 mg/m ³	PEL 8hr TWA

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	NA	Specific Gravity (Water = 1):	0.92 - 0.97
Vapor Pressure (mm Hg.):	NA	Melting Point: °F	215-280 °F
Vapor Density (Air = 1):	NA	Evaporation Rate:	NA
Solubility in Water: Insoluble		Appearance and Odor: Plastic Film Laminate	

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 646 Deg. F ASTM E-136	Flammable Limits:	LEL NA	UEL NA
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Extinguishing Media:
Water spray, Foam, Dry Chemical, or CO₂

Special Fire Fighting Procedures:
Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

Unusual Fire and Explosion Hazards:
Fire may produce toxic/corrosive gases and dense smoke.

SECTION 5 REACTIVITY DATA

Stability:	Stable	Incompatibility (Materials to Avoid):	Avoid Strong Oxidizing Agents
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Hazardous Decomposition or Byproducts:

Antimony Oxides, Oxides, Oxides of Nitrogen, Hydrogen Bromide, Hydrogen Cyanide, CO₂ and CO when subjected to flames or excessive heat

Hazardous Polymerization: Will not occur

SECTION 6 HEALTH HAZARD DATA

Primary Route(s) of Entry:	Inhalation? No	Absorption? No	Ingestion? No
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Health Hazards (Acute and Chronic):

Inhalation: None at ambient temperatures (-18 to +38 degrees C)

Absorption: None

Ingestion: No significant health hazards identified

Carcinogenicity:	NTP? None	IARC Monographs? None	OSHA Regulated? None
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Signs and Symptoms of Exposure:

Inhalation: N/A

Absorption: N/A

Ingestion: N/A

Medical Conditions Generally Aggravated by Exposure:

Inhalation: None

Absorption: None

Ingestion: None

Emergency and First Aid Procedures:

Inhalation: N/A

Absorption: N/A

Ingestion: N/A

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: N/A with

Waste Disposal Method: In accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storage: N/A

Other Precautions: N/A

SECTION 8 CONTROL MEASURES

Respiratory Protection: None

Ventilation: None

Protective Gloves: N/A

Eye Protection: N/A

Other Protective Clothing and Equipment: N/A

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