



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

The Gund Company
2121 Walton Road
Saint Louis, MO 63114
TEL – 314.423.5200
FAX – 314.423.9009

PolyPro FR II – Flame Retardant Polypropylene

Version Number 1.1
Revision Date 6/2/2015

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Print Date 6/2/2015

1. Product and Company Information

The Gund Company
2121 Walton Road
Saint Louis, MO 63114

Telephone : (314) 423 - 5200
Emergency telephone number : (314) 423 - 5200
Reviewed By: Solomon Chiang, Dir. Of Engineering

2. Hazardous Ingredients / Identity Information

Hazardous Components - Specific Chemical Identity: Common Name(s)	OSHA	PEL	ACGIH	TLV	Other Limits Recommended	% Conc.
Antimony Trioxide additive CAS # 1309-64-4	0.5 mg/M ³	0.5 mg/M ³	0.5 mg/M ³	0.5 mg/M ³		Proprietary

3. Physical / Chemical Characteristics

Boiling Point	None	Specific Gravity (H₂O = 1)	1.05
Vapor Pressure (mm HG)	0	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in water	None		
Appearance and Odor	Flexible flat sheets or rolls. Black or white. No odor.		

4. Fire and Explosion Hazards

Flash Point (Method Used)	None	Flammable Limits	LEL	UEL
			None	None
Extinguishing Media	Water spray and foam. Water spray is preferred. Dry chemical and CO ₂ are not generally recommended due to their lack of cooling capacity which may allow re-ignition.			
Special Fire-Fighting Procedures:	Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants			
Unusual Fire and Explosion Hazards:	This compound has no unusual fire or explosion hazards			
Hazardous Decomposition or Byproducts:	Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), other hazardous materials, and smoke are all possible			



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5. Reactivity Data

Stability	Unstable		Conditions to avoid:	None
	Stable	X		
Incompatibility (Materials to avoid)		Strong oxidizing agents		
Hazardous Polymerization	May Occur		Conditions to avoid:	None
	Will Not Occur	X		

6. Health Hazards

Route(s) of entry:	Inhalation?	Skin?	Ingestion?
	Leave exposed area and seek fresh air. If irritation persists seek medical attention	Wash with soap and water. For thermal burns, immediately flush with cold water. Do not attempt to remove polymer from skin. Obtain medical attention	Not probable route of exposure
Health Hazards (Acute and chronic)			
Acute: Dust particles from fabrication may cause irritation to eyes, skin, mouth, and breathing canals Chronic: None			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated
N/A	N/A	N/A	N/A
Signs and Symptoms of Exposure			
Exposure to antimony compounds may cause one or more of the following: sore throat, airway irritation with cough, metallic taste in mouth, nausea, and metal fume fever.			
Medical Conditions Generally Aggravated by Exposure			
Cronic respiratory or skin conditions may temporarily worsen from exposure to this product.			
Emergency and First Aid Procedures			
Eye: Flush immediately with plenty of water also under eyelids for at least 15 min. If eye irritation persists, seek medical attention. Skin: Wash area with mild soap and cold water. If skin irritation persists seek medical attention. Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice. Ingestion: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice			

7. Procedures for Safe Handling and Use

Steps to be taken in case material is released or spilled:
N/A
Waste Disposal Method:



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Disposal must be made in accordance with Federal, State and Local laws.
Precautions to be taken in handling and storing:
Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.
Other Precautions:
N/A

8. Exposure Controls / Personal Protection

Respiratory Protection (Specify Type)		Use dust mask if machining dust is present and not adequately handled by local exhaust/ventilation.		
Ventilation	Local Exhaust	When Machining	Special	N/A
	Mechanical (General)	When Machining	Other	N/A
Protective Gloves:	Not essential; may be desirable protection from abrasion.		Eye Protection:	Protect eyes from flying particles when machining.
Other Protective Clothing or Equipment:		Long sleeved clothing.		
Work/Hygenic Practices:		Normal good practices are sufficient.		

9. Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.