

SAFETY DATA SHEET



GPO-1: APO-1, N155, N180, N180FR

Version 1

Revision Date 06/18/2024

Print Date 06/18/2024

SECTION 1: IDENTIFICATION

Product Names: APO-1, N155, N180, N180FR

Other/ Generic Names: Glass Polyester Laminate

Manufacturer or supplier's details

Company: The Gund Company, Inc.
2121 Walton Road
St. Louis, MO 63114
Telephone: (314) 423-5200
Visit our Website: www.thegundcompany.com
Email Address: info@thegundcompany.com
Emergency Telephone: (262) 522-7990

Recommended use of the chemical and restrictions on use

Recommended use: General usage laminate for electrical applications.

Restrictions on use: See section 15 for restrictions that may apply.

SECTION 2: HAZARDS IDENTIFICATION

When machined or cut and dust is formed, the following apply:

GHS Classification

Skin sensitization: Category 1/1A/1B

Skin corrosion/irritation: Category 3

Respiratory sensitization: Category 1/1A/1B

Eye sensitization: Category 2B

GHS Label Element

Hazard pictograms:



Signal word:

Warning, Danger

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Hazard statements: **Not applicable for product as shipped.** For dust generated from further processing or fumes from thermal decomposition.
H317 May cause an allergic reaction to skin .

Precautionary statements: **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P271 Use in a well-ventilated area.
P280 Wear protective gloves.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration (%)
N/A - This product consists of cured polyester with glass fiber and mineral fibers.		Proprietary

SECTION 4: FIRST AID MEASURES

For dust generated from further processing or fumes generated from thermal decomposition:

EYE CONTACT: Flush eyes with water as precaution. Remove contact lenses if applicable. Protect unharmed eye. Keep eye wide open while rinsing. If irritation persists, seek medical attention.

SKIN CONTACT: Should irritation occur, rinse with water. If skin irritation persists, consult physician. Remove contaminated clothing and wash before reuse.

INGESTION: If swallowed, do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

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NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES: Product is not flammable, but small chips and fines from processing may produce class ST-1 combustible dust.

EXTINGUISHING MEDIA: Dry chemical, CO₂, water spray or regular foam. Do not use a solid water stream as it may scatter and spread fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing, including self-contained breathing apparatus.

HAZARDOUS DECOMPOSITION PRODUCTS: Extreme heat and fire may result in dense smoke, carbon dioxide (CO₂), oxides of nitrogen, and low molecular weight organic species whose composition and toxicity has not been determined.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up or gather material and place in an appropriate container.

SECTION 7: HANDLINING AND STORAGE

HANDLING AND STORAGE: Use care when handling, and store away from heat, sparks, and flame. Store away from materials stated in *Section 10*.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Local exhaust ventilation if significant amounts of dust are generated.

RESPIRATORY PROTECTION: None should be needed during normal handling. If significant amounts of dust are generated during processing, then appropriate respiratory protection may be necessary.

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EYE PROTECTION: Safety glasses, preferably with side shields should be worn with normal handling.

SKIN PROTECTION: Regular clothing that covers skin, wash clothing before reuse.

Exposure Guidelines:

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Fibrous Glass Dust	(65997-17-3)	10 mg/m ³	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Various colored sheets and shapes

ODOR: None

MELTING POINT: Not determined

SOLUBILITY IN WATER: <1

PERCENT SOLIDS BY WEIGHT: 100% estimated

SPECIFIC GRAVITY (H₂O=1): 1.8-2.0 g/cc

SECTION 10: STABILITY AND REACTIVITY

STABILITY: This product is considered stable.

CONDITIONS TO AVOID (STABILITY): Do not store near strong bases or acids or strong oxidizing or reducing agents. Avoid generating excessive amounts of airborne dust or large accumulations of dust.

MATERIAL TO AVOID (INCOMPATIBILITY): This material may decompose or become damaged in the presence of strong acids or bases or strong oxidizing or reducing agents.

CONDITIONS TO AVOID (POLYMERIZATION): Thermal decomposition may produce dense smoke, oxides of carbon, nitrogen, and sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: In its cured form, glass polyester laminates are non-toxic.

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: In its cured form, glass polyester laminates are non-toxic.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT): Not regulated as a dangerous good.

GENERAL: Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All substances listed on inventory.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not hazardous as supplied, in use: Chronic Hazard.

313 REPORTABLE INGREDIENTS: Up to 2.2% zinc compounds from black, grey, and tan pigmented product.

OSHA Hazard Communication Categories: This product is not listed and does not contain chemicals listed in the State of California to cause cancer or reproductive toxicity.

STATE REGULATIONS: Materials known to the State of California to cause cancer or reproductive toxicity: This product poses no significant risk to persons exposed during normal use as defined by the California Safe Drinking Water and Toxics Enforcement Act (Proposition 65).

INTERNATIONAL REGULATIONS: As an article, the product does not need to be labeled in accordance with EC-directives or respective national laws.

This product is REACH and RoHS compliant.

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SECTION 16: OTHER INFORMATION

DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.