

# SAFETY DATA SHEET



## PolyPro EV

Version 1

Revision Date 08/01/2024

Print Date 08/01/2024

### SECTION 1: IDENTIFICATION

Product Names: PolyPro EV

Other / Generic Names: Polypropylene

#### 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](http://www.thegundcompany.com)  
Email Address: [info@thegundcompany.com](mailto:info@thegundcompany.com)  
Emergency Telephone: (262) 522-7990

#### Recommended use of the chemical and restrictions on use

Recommended use: Used primarily in electric vehicle battery cells and modules.

Restrictions on use: See *Section 15* for restrictions.

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS Classification

Not classified as hazardous.

#### GHS Label Element

None needed.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous components

Component	CAS-No.	Concentration (%)
Polypropylene	9003-07-0	> 99

### SECTION 4: FIRST AID MEASURES

GENERAL ADVICE: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

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EYE CONTACT:	Adverse effects not expected from this product. 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:	None expected under normal conditions of use. Obtain medical attention if irritation develops or persists.
INGESTION:	Not expected to be a primary route of exposure. Obtain emergency medical attention.
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.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	Treat symptomatically.

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### SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES:	Not considered flammable, but may burn at high temperatures.
EXTINGUISHING MEDIA:	Use extinguishing media appropriate for surrounding fire. Do not use a heavy water stream. Use of heavy stream of water may spread fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Hazardous decomposition products formed under fire conditions include acrolein, formaldehyde-like products, and carbon oxides.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Avoid generation of dust during clean-up of spills. Sweep or vacuum the product to recover it. Where possible, allow molten material to solidify naturally.
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### SECTION 7: HANDLINING AND STORAGE

HANDLING AND STORAGE:	Handle in accordance with good industrial hygiene and safety procedures. Keep container tightly closed in a dry,
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cool, and well-ventilated area. Store away from incompatible materials (*Section 10*).

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Provide adequate ventilation to minimize dust concentrations.

**RESPIRATORY PROTECTION:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust or vapors from molten product are expected to exceed exposure limits.

**EYE PROTECTION:** Use chemical goggles or safety glasses.

**SKIN PROTECTION:** If handling hot or molten sheet wear insulated gloves, otherwise wear work gloves. When handling hot or molten sheet, wear protective clothing.

Exposure Guidelines:

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Polypropylene	9003-07-0	10 mg/m <sup>3</sup>	-

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Solid, black or blue in color

**ODOR:** Odorless

**MELTING POINT:** 248-338°F (120-170°C)

**SOLUBILITY IN WATER:** Insoluble

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.91 g/cc

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID (STABILITY):** Avoid direct sunlight and extremely high or low temperatures.

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MATERIAL TO AVOID (INCOMPATIBILITY): Avoid strong acids, strong bases, and strong oxidizers.

CONDITIONS TO AVOID (POLYMERIZATION): Hazardous polymerization will not occur.

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### SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The final product is considered an article and not hazardous in its final form under normal conditions of use. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

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### SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The final product is considered an article and not hazardous in its final form under normal conditions of use. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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

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### SECTION 14: TRANSPORT INFORMATION

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

GENERAL: Not regulated as a dangerous good.

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### 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: None

313 REPORTABLE INGREDIENTS: No

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OSHA Hazard Communication Categories:

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

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.