

SAFETY DATA SHEET



Plexiglas®

Version 1

Revision Date 08/02/2024

Print Date 08/02/2024

SECTION 1: IDENTIFICATION

Product Names: Plexiglas®
Other / Generic Names: Acrylic PMMA / Acrylic Glass

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: Use in polymer industry and special applications.
Restrictions on use: See *Section 15* for restrictions.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Not classified as hazardous.

GHS Label Element

None required.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration (%)
Acrylic copolymer	Proprietary	99 - 100

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SECTION 4: FIRST AID MEASURES

- 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:** Immediately flush skin with plenty of water.
- 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.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

- FLAMMABLE PROPERTIES:** Product is not considered a highly flammable material. Although, the product can release flammable vapors when exposed to high temperatures. These vapors can ignite if they come into contact with an open flame or other ignition sources.
- EXTINGUISHING MEDIA:** Dry chemical, water spray, carbon dioxide, or foam.
- SPECIAL FIRE FIGHTING PROCEDURES:** Full protective equipment, including self-contained breathing apparatus is recommended as protection.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition occurs at temperatures above 572°F (300°C) and may produce carbon oxides and other hazardous organic compounds.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

- ACCIDENTAL RELEASE MEASURES:** Pick up and transfer to properly labeled containers.
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SECTION 7: HANDLING AND STORAGE

- HANDLING AND STORAGE:** Avoid extreme temperatures. Store away from sources of heat and light.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Provide either general or local exhaust ventilation to minimize exposure.

RESPIRATORY PROTECTION: Under conditions of excessive fume concentration, a NIOSH/MSHA approved device with organic vapor acid gas rating or fresh air supply should be used.

EYE PROTECTION: Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION: Wear protective gloves and protective clothing.

Exposure Guidelines:

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Acrylic copolymer	Proprietary	10 mg/m ³	5 mg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid, clear to opaque

ODOR: Odorless

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H₂O=1): 1.19 g/cc

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID (STABILITY): Avoid flames, welding arcs, potential ignition sources, or other high-temperature sources which induce thermal decomposition.

MATERIAL TO AVOID (INCOMPATIBILITY): Avoid contact with acids, alkalis, and strong oxidizing agents.

CONDITIONS TO AVOID (POLYMERIZATION): Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non-toxic.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: 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: None

313 REPORTABLE INGREDIENTS: No

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.