

SAFETY DATA SHEET



ABS

Version 1

Revision Date 07/26/2024

Print Date 07/26/2024

SECTION 1: IDENTIFICATION

Product Names: ABS
Other / Generic Names: Acrylonitrile-Butadiene-Styrene

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: Production of molded plastic articles.
Restrictions on use: See *Section 15* for restrictions.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Not classified as hazardous.

GHS Label Element

Not labeled as hazardous.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration (%)
Acrylonitrile-Butadiene-Styrene Copolymer	9003-56-9	≥ 98

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.

SAFETY DATA SHEET



ABS

Version 1

Revision Date 07/26/2024

Print Date 07/26/2024

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:	In case of pellets or powder, wash with water. In case of smelt, wash affected skin area and clothing with plenty of (soap and) water. Seek medical advice.
INGESTION:	Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.
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:	Flammable when exposed to high temperatures. Classified as a combustible material and has relatively low resistance to fire.
EXTINGUISHING MEDIA:	Water, foam, dry chemical powder.
SPECIAL FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus.
HAZARDOUS DECOMPOSITION PRODUCTS:	May include and not limited to Carbon dioxide/monoxide, phenolic compounds, styrene, hydrocarbons, and acrylates at elevated temperatures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Gather pellets and powder thoroughly to avoid draining water. Do not allow product to reach sewage system or water bodies. Inform respective authorities in case product reaches water, sewage system or soil.
------------------------------	--

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Practice reasonable care and cleanliness. Ventilation should be provided at processing machinery to control fumes. There should be proper dust collection systems in place to avoid any dust accumulation. Store in a dry place
-----------------------	---

SAFETY DATA SHEET



ABS

Version 1

Revision Date 07/26/2024

Print Date 07/26/2024

away from moisture, excessive heat and source of ignition.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- VENTILATION:** Provide sufficient mechanical ventilation to maintain exposure level below the level of over exposure. Seek immediate medical attention of any symptom like coughing, difficulties in breathing or any other problem develops.
- RESPIRATORY PROTECTION:** If handling at elevated temperatures and overexposure has been determined, an air-respirator is advised in the absence of proper environmental control.
- EYE PROTECTION:** Wear safety glasses in compliance with OSHA regulations.
- SKIN PROTECTION:** Wear clean, long-sleeved, body-covering clothing. Under dry conditions, cloth gloves should provide adequate protection from molten plastic. If molten polymer gets in contact with the skin, cool rapidly with water and do not attempt to remove plastic without medical assistance. Seek immediate medical attention.

Exposure Guidelines:

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Acrylonitrile-Butadiene-Styrene Copolymer	9003-56-9	-	-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** Solid, natural or off-white
- ODOR:** Odorless
- MELTING POINT:** Soften gradually over wide range of temperature.
- SOLUBILITY IN WATER:** Insoluble
- SPECIFIC GRAVITY (H₂O=1):** 1.03 – 1.10 g/cc

SAFETY DATA SHEET



ABS

Version 1

Revision Date 07/26/2024

Print Date 07/26/2024

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): Avoid temperatures above 572°F (300°C).

MATERIAL TO AVOID (INCOMPATIBILITY): None known.

CONDITIONS TO AVOID (POLYMERIZATION): Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: May be irritating to eyes and skin.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No known or expected toxicity.

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

SAFETY DATA SHEET



ABS

Version 1

Revision Date 07/26/2024

Print Date 07/26/2024

OSHA Hazard Communication Categories:

This product is not a "hazardous Chemical" as defined by the OSHA hazard communication standard.

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.

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.