

CHEWIE  
**MATERIAL SAFETY DATA SHEET**

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**1. CHEMICAL PRODUCT IDENTIFICATION:**

PRODUCT NAME: CHEWIE  
PRODUCT CODE:  
MATERIAL NAME: THERMOPLASTIC RUBBER  
CHEMICAL FAMILY: BLOCK COPOLYMER  
CHEMICAL NAME: STYRENE-BUTADIENE-STYRENE BLOCK COPOLYMER  
FORMULA: N/A

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**2. COMPOSTITION/INFORMATION ON INGREDIENTS:**

STYRENE-BUTADIENE-STYRENE BLOCK COPOLYMER  
Hazardous Components: none

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**3. HAZARDS IDENTIFICATION:**

The health effects noted below are consistent with requirements under the OSHA Hazard Communication standard (29 CFR 1910.1200)

**EYE CONTACT:** Product is practically non irritating to eyes.

**SKIN CONTACT:** Product is practically non irritating to skin.

**INHALATION:** Based on dusting agent, product may cause mild mechanical irritation to the nose, throat and respiratory tract.

**INGESTION:** Product is generally considered to have a low order of acute oral toxicity.

**SIGNS and SYMPTONS :** Irritation as noted above.

**AGGRAVATED MEDICAL CONDITIONS:** Preexisting eye, skin, respiratory disorders may be aggravated by exposure to this product.

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**4. FIRST AID MEASURES:**

**EYE CONTACT:** Flush eyes with water. If irritation occurs, get medical attention.

**SKIN CONTACT:** If contact with molten product occurs, treat as ordinary burns.

**INHALATION:** Not ordinarily required, remove affected person from dusty environment.  
**INGESTION:** No ordinarily required.

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## 5. SUPPLEMENTAL HEALTH INFORMATION:

All evidence indicates that large polymer molecules are not biologically active.

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## 6. PHYSICAL DATA:

**BOILING POINT:** N/A  
**MELTING POINT:** N/A  
**EVAPORATION RATE:** N/A  
**SPECIFIC GRAVITY:** .93  
**VAPOR PRESSURE:** N/A  
**SOLUBILITY:** NEGLIGIBLE IN WATER  
**VAPOR DENSITY:** N/A  
**APPEARANCE AND ODOR:** SOLID, ESSENTIALLY ODORLESS.

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## 7. FIRE FIGHTING MEASURES:

**FLASH POINT:** Not Applicable  
**EXTINGUISHING MEDIA:** Use water, foam, dry chemical or CO2.  
**FLAMABLE LIMITS:** n/a  
**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:** Material will not burn unless preheated. Do not enter confined space without fullbunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

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## 8. REACTIVITY:

**STABILITY:** STABLE **HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**CONDITIONS AND MATERIALS TO AVOID:**  
**MATERIALS:** Avoid contact with strong oxidizing agents.  
**CONDITIONS:** Product contains residual unsaturation which can undergo exothermic oxidative degradation. Accumulation of product in areas exposed to elevated temperatures for extended periods in air may result in self-heating and autoignition. Internal guideline in five days at 200 deg. F.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** At processing temperatures, some degree of thermal degradation will occur, although highly dependent on temperature/environmental conditions, a variety of decomposition products may be present ranging from simple hydrocarbons (such as methane/propane) to toxic/irritating gases(carbon monoxide/dioxide, acrolein, halogenated compounds, acids, ketones, aldehydes). See special precautions.

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## 9. EMPLOYEE PROTECTION:

**RESPIRATORY PROTECTION:** If exposure may or does exceed occupational exposure limits use NIOSH-approved respirator to prevent overexposure. In accord with 29 CFR 1910:134 use either an atmosphere-supplying respirator or an air-purifying respirator for particulates.

**PROTECTIVE CLOTHING:** Safety glasses and protective clothing should be worn when product is heated in processing.

**ADDITIONAL PROTECTIVE MEASURES:** Ventilation as required to control dust concentration in air. Adequate ventilation and/or engineering controls are required when product is heated in processing.

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## 10. ENVIRONMENTAL PROTECTION:

**SPILL AND LEAK PROCEDURES:** Shovel and sweep up or use industrial vacuum cleaner. Avoid generating dust clouds. Put into containers for reclaiming or disposal.

**WASTE DISPOSAL:** Place in an appropriate disposal facility in compliance with local regulations.

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## 11. SPECIAL PRECAUTIONS:

Practice good housekeeping. Do not allow product to accumulate in processing area. Product can accumulate static charges when handled. Equipment should provide a means for dissipating any charges that may develop. In processing, do not allow the temperature to exceed 400 deg F. Maintain a fire watch if 450 deg F is reached. Avoid vapors from heated products. Adequate ventilation and/or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.

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## 12. TRANSPORTATION REQUIREMENTS:

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: Not hazardous by DOT regulations.

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## 13. OTHER REGULATORY CONTROLS:

The components of this product are listed on the EPA/TSCA inventory of chemical substances.

Occupational Exposure Limits:  
OSHA PEL/TWA  
10MG/M3 Respirable Dust  
5MG/M3 total dust

ACGIH  
TLV/TWA  
10MG/M3 Respirable Dust

Glenroe's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Glenroe as a customer service.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.