



CHEWIE

SAFETY DATA SHEET

DB Orthodontics
Unit 6, Ryefield Way
Silsden,
West Yorkshire
BD20 0EF

sales@dbortho.com

www.dbortho.com

Telephone 01535 656999

Fax 01535 656969

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

2. COMPOSTITION/INFORMATION ON INGREDIENTS:

STYRENE-BUTADIENE-STYRENE BLOCK COPOLYMER

Hazardous Components: none

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 SYMPTOMS : Irritation as noted above.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing eye, skin, respiratory disorders may be aggravated by exposure to this product.



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.

5. SUPPLEMENTAL HEALTH INFORMATION:

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

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.

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 full bunker 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.

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.



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.

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.

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° F. Maintain a fire watch if 450° F is reached. Avoid vapours from heated products. Adequate ventilation and/or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.

12. TRANSPORTATION REQUIREMENTS:

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: Not hazardous by DOT regulations.

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