



MATERIAL SAFETY DATA SHEET (MSDS) NITRILE RUBBER SHEET

I. Company and Product Identification

Company: GCP Elastomeric Inc.
170 Webster Road
Kitchener, ON, Canada

Tel: (519) 893-8207
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Product: Nitrile Rubber Sheet

Chemical Name: Acrylonitrile-Butadiene Copolymer Compound Rubber Sheet

Trade Name: Buna

Emergency Phone Number: (519) 893-8207

II. Ingredients / Identity Information

Major components: Acrylonitrile-Butadiene Copolymer Rubber

Minor components: Zinc Oxide
Sulfur
Accelerators / Activators (< 1 %)
Antioxidant / Stabilizers (< 1 %)

III. Physical Properties

Appearance: Flexible rubber sheet
Odor: Slight typical rubber product odor
Specific Gravity: 1.2-1.5
Boiling Point: N/A
Melting Point: N/A
Decomposition Temperature: >250 °C
Vapor Pressure: N/A
Percent Volatile: N/A

Solubility in Water: Insoluble

IV. Fire and Explosion Hazard Data

Flash Point: > 300 °C
Lower Explosion Limit: N/A
Upper Explosion Limit: N/A
Fire Hazard: Stable under normal situation. Flammable / Combustible under extreme high heat and flame. Can generate toxic and combustible fumes, - carbon monoxide, nitrogen and hydrocarbon compounds, and soot.
Fire Fighting Procedures: Use full protective equipment and SCBA, filter masks, etc.
Extinguishing Media: High expansion foam, water fog and spray.

V. Health Hazards

Contact: May cause skin irritation. For prolonged handling, use protective gloves and clothing. Wash hands with mild soap after handling.
Avoid contact with eyes. If the eyes are irritated flush with water for ten minutes. Obtain medical attention.
Avoid ingestion. If ingested seek medical attention.

Inhalation: Excessive inhalation can cause headache, nausea, irritation. Handle the product in minimum quantity and work in well-ventilated area.

VI. Reactivity and Stability

Stability: Product is non-reactive with hydrocarbons and non-polar chemicals. Do not use in contact with strong acids.

Reactivity: Stable under normal working and storage condition. Normally store below 35 °C in cool, dry location.

VII. Waste Disposal

Disposal must be in accordance with Federal, State and Local Regulations.
Bury waste in approved landfill site.
Do not incinerate.

VIII. Protective Equipment

Ventilation: Local and general ventilation is necessary to keep air concentration below level of concern.

Gloves: Leather, Rubber, Rubberized Textile
Eye Protection: Chemical Workers' Goggles
Respiratory Protection: NIOSH/MSHA approved respirator appropriate for exposure of concern.

Other Equipment: Appropriate safety footwear, and appropriate clothing to minimize skin contact.

IX. Storage and Transportation

Package product in paper, plastic film, or box in order to minimize surface exposure. Store in cool, dry, ventilated area.

X. Information

With appropriate commercial practices, the Nitrile Rubber Sheet material product is safe to handle and in storage. For further information on the material or this MSDS contact the Technical Director at GCP Elastomeric Inc.