



## MATERIAL SAFETY DATA SHEET

Revised/Reviewed: June 17, 2010

### 28-151 Latex O-Rings

#### Section 1- Product and Company Information

Manufactured for: Miltex, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: K-100 Polyisoprene Rubber

Chemical Formula: 1, 3 Butadiene, 2-Methyl, Homopolymer

#### Section 2 – Composition/ Information on Ingredients

Hazardous Components: None

Based upon data available to Miltex, this product is not hazardous under OSHA hazard communication (29 CFR 1910.1200). The nonhazardous components of this product meet FDA 21 CFR 177.26.

Nonhazardous components:

Natural Rubber	95 – 97%
Sulfur	0 – 1%
Zinc Oxide	0 – 1%
Polymetric hindered Phenol	0 – 2%
Carbamate derivative	0 – 1%

#### Section 3 - Health Identification

The health effects noted below are consistent with requirements under the OSHA hazard communication standard (29 CFR 1910.1200).

Occupational Exposure Limits: None established

Eye Contact: N/A

Skin Contact: refer to Signs and Symptoms

Inhalation: N/A

Ingestion: Will not break down in the digestive system. All ingredients in this product meet FDA 177.26 rubber articles for food contact.

Signs and Symptoms: Niosh Alert No. 97-135, June 1997: Workers exposed to latex gloves and other products containing natural rubber latex may develop allergic reactions such as skin rashes, hives, nasal, eye, or sinus symptoms, asthma, and (rarely) shock.

Aggravated Medical Conditions: Persons allergic to fruits or persons with Spina Bifida may be allergic to natural rubber.

#### Section 4 - First Aid Measures

Eye Contact: Refer to Section 3 and contact a physician. Flush with water if irritation occurs.

Skin Contact: Refer to Section 3 and contact a physician. Flush with water if irritation occurs.

Inhalation: Refer to Section 3 and contact a physician.

Ingestion: Refer to Section 3 and contact a physician.

#### Section 5 – Fire Fighting Measures

Flash Point and Method: N/A

Flammable Limits / % Volume in Air: N/A

Extinguishable Media: Use dry chemical CO<sub>2</sub> or foam or water.

Special Fire Fighting Procedures: Over Exposure to thermal decomposition products may cause health hazard. An approved self-contained breathing apparatus should be worn.

#### Section 6 - Physical and Chemical Properties

Boiling Point: N/A

Specific Gravity: .923

Melting Point: N/A

Evaporation Rate: N/A

Solubility: Not soluble in water.

Vapor Pressure: N/A

Vapor Density: N/A

Appearance and Odor: Solid, amber, rubber odor.

#### Section 7 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid contact with flames or excessive heat. Will produce oxides of carbon when burned.

Hazardous Decomposition Products: N/A

#### Section 8 – Accidental Release, Disposal, and Ecological Information

Spill or Leak Procedure: N/A

Waste Disposal: Place in an appropriate waste disposal facility in compliance with local regulations.

## Section 9 – Exposure Controls/ Personal Protection

Respirator Protection: N/A

Protective Clothing: N/A

Additional Protective Measures: None

## Section 10 – Storage and Handling

Avoid Flames. When exposed to flame, emits acrid fumes (sulfur dioxide and carbon monoxide)

Department of Transportation Classification: N/A

## Section 11 – Miscellaneous

September 1998: FDA label law required labeling of medical devices with natural rubber latex in them.

The warning reads; “Caution: This product contains natural rubber latex which may cause allergic reaction.”

The components of this product may be listed on “Proposition 65”.

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