

# Detectable Products for Contact with Food

## Declaration of Compliance Statement – 821 – Rubber Bands

### Applicable Products:

**Product Code:**

*G0196/70*

**Product Description:**

Detectable Rubber Bands 70x6x1mm Pack of 50

### MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL RUBBER DETECTABLE BAND

CHEMICAL NAME: Vulcanized Natural Rubber (Polyisoprene).

DESCRIPTION: A Vulcanized Rubber printed Band.

Not a hazardous material as defined by OSHA Hazard Communication Standard, CFR Title 29 1910.1200, but a vulcanized rubber product.

### INGREDIENTS :

POLYMER : High Density Polymer of Natural Polyisoprene

ADDITIVES : Following conventional rubber chemicals have been added to the rubber.

• Sulphur • Stearic Acid • Non staining rubber Antioxidants (Styranated Phenols) • Paraffin Wax • Precipitated Silica • Zinc Oxide • Rubber Process Oil • Rubber Accelerators • Pigments

All above chemicals have reacted with the rubber and do not exist as separate free chemicals in the material, except for Paraffin Wax which will bloom to the surface in small quantities to protect the rubber from UV radiations and oxidation.

• Iron Powder (less than 1%) – not a hazardous material

PHYSICAL DATA:

• Appearance: Smooth Rubber Bands • Vapor Density: N/A • Vapor Pressure: N/A • Odor: Normal odor of natural rubber products similar to gloves, Balloons etc. • % Volatile by volume: .05% Max. • % Soluble: Insoluble in water • Melt Point: N/A • Bulk Density: N/A • Specific Gravity: Varies from  $1.07 \pm 0.02$  • Boiling Point: N/A

FIRE AND EXPLOSION HAZARD DATA : None

Flash Point & Method : N/A Above 300 degrees C. Flammable Limits : LEL : N/A ; UEL: N/A Above 300 degrees C.

Extinguishing Method : Water, Dry Chemical, CO<sub>2</sub>, Foam

Special Fire Fighting Procedure : During emergency conditions, overexposure to thermal decomposition of products may cause a health hazard. NIOSH approved self contained breathing apparatus should be worn.

Unusual Fire And Explosion Hazards: When exposed to flame, emits acrid fumes. No explosion hazards expected.

PHYSIOLOGICAL EFFECTS:

Acute: No known effects

Chronic: No known effects

Product is manufactured from Hevea NATURAL RUBBER, as such may contribute to any latex sensitivity. Anyone allergic to natural rubber proteins should not use this product.

EMERGENCY AND FIRST AID PROCEDURES: No procedures are expected to be required. Consult a Doctor if allergic conditions are noticed.

PHYSICAL HAZARDS: If exposed to excessive heat or open flame, product will burn.

**SPECIAL PROTECTION INFORMATION:**

Ventilation: N/A

Respiratory: Under normal conditions of use, respiratory protection need not be worn.

Ingestion: N/A

Eye protection: Wear Safety glasses when using the bands.

Other: Practice good personal hygiene. This product considered physiologically inert.

**CHEMICAL REACTIVITY:**

Material is stable, no known or expected incompatibilities.

**STORAGE INFORMATION:**

Keep away from excessive heat or open flame or strong sunlight. Physical properties of product may degrade if exposed to direct sunlight, caustic chemicals, excessive heat and if come in contact with petroleum solvents such as Gasoline.

**CLEANUP PROCEDURES:** Sweep, shovel, vacuum into container for disposal. **SHIPPING REGULATIONS:**

Freight Description: Rubber Bands made from Polyisoprene.

Hazardous classification, labels required, or special instructions: None

**REGULATORY COMPLIANCE:**

The components of this product are included in The US EPA Toxic Substances Control Act – Chemical Substances Inventory

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