

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Natural Rubber Pallet Elastic

CHEMICAL NAME: Vulcanized Natural Rubber (Polyisoprene)

DESCRIPTION: A Vulcanized Rubber Band with a pasted joint.

INGREDIENTS:

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

Chemical family: High Molecular Weight of Polyisoprene

Additives : The following conventional rubber chemicals have been added to the rubber.

- Sulphur
- Stearic Acid
- Non-Staining Rubber Antioxidants (Styranated Phenols)
- Microcrystalline Wax
- Reinforcing Filler
- Zinc Oxide
- Rubber Process Oil
- Coupling Agent
- Rubber Accelerators
- Pigment
- Non-Reinforcing Filler

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

- 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 1.10 to 1.20
 - 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, CO2, 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, it emits acrid fumes. No explosion hazards expected.

PHYSIOLOGICAL EFFECTS:

Acute: No known effects

Chronic: No known effects

The 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, the 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 is 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 a container for disposal. Incinerate or landfill in accordance with all applicable environmental control regulations; not a hazardous material.

SHIPPING REGULATIONS:

Freight Description: Pallet Elastic

Hazardous classification, labels required, or special instructions: None

REGULATORY COMPLIANCE:

The product complies with the requirements of the RoHS Directives 2011/65/EU and 2015/863/EU by the European Union and the REACH compliance, updated 25th June 2025