

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name : Powder Free Polymer Coated Examination Gloves - Non Sterile

Manufacturer : PT.Medisafe Technologies

PHYSICAL DATA - COMPOSITION

Sr. No.	Name of Ingredients	Ingredients Type	% Ingredients (Approx)	
			Min	Max
1	Synthetic Rubber Latex	Elastomer	94	92
2	Hindered Polymeric Phenol	Antioxidant	0.75	1.00
3	Zinc Oxide	Activator	1.00	1.35
4	Thiocarbamate Based	Accelerator	1.00	1.20
5	Sulphur	Vulcanizing Agent	1.00	1.30
6	Titanium Dioxide	Pigment	1.00	1.35
7	Colourants	Pigment	0.35	0.40
8	Emulsified Wax	Plasticizer	0.40	0.60
9	Potassium Hydroxide	Stabilizer	0.50	0.80
10	Small amount of a mold release lubricant is used		-	
Total			100	100

FIRE & EXPLOSION

Stability : Stable

Extinguishing Media : Foam, Carbon Dioxide, Water

Conditions to avoid : Extreme heat (Decomposition at 900°C)

NORMAL PRECAUTION

Ventilation : Not necessary under normal conditions

Equipment : Not necessary

Storage : Store in a cool, dry place

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INTENDED USE

The glove is a disposable device made of Synthetic Rubber Latex and is intended to be worn on the hand for medical purpose (as a non-invasive, non-active, single use product for conducting medical examination), for prevention of possible cross contamination between examiner and patient or material.

MATERIAL OF CONSTRUCTION

Raw Material Listings:

The Synthetic Rubber Latex is first compounded and the compound formulation is as follows:

1. Elastomers

Synthetic Rubber Latex: Mixer of Polychloroprene Latex and carboxylated acrylonitrile – butadiene rubber latex

2. Vulcanising Material (W/W)

- a. Vulcanizing agent – Sulphur
- b. Accelerators –Thiocarbomates
- c. Retarders – none
- d. Activator – zinc oxide

3. Antioxidants/Antioxonants

Hindered Polymeric Phenol (antioxidant)

4. Plasticizer

Emulsified Wax

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5. Colorants

EN – 71 Category Dyes, Green (CAS # 1328-53-6), Pink (CAS # 5280-68-2), Titanium Dioxide (CAS # 13463-67-7)

6. Coagulant /Stripping Aids

Calcium Nitrate + Soap Based Mould Release

7. Lubricant

Polymer (PA: Polyacrylate based) with silicone coating and biocide (0.01% in the coating solution) as preservative

8. Storage

Store in a dry, cool, well ventilated area. Do not store above 104°F (40°C). Shield open box from direct sunlight, fluorescent lightning, and X-rays. Improper storage will decrease the usable life of these gloves.

Note: Items Nos: 1 to 5 is materials added to the Synthetic Rubber Latex during compounding.

Items Nos: 6 to 7 are materials used during the manufacture (processing) of gloves.