

# MATERIAL SAFETY DATA SHEET (MSDS)

## 1 Description of the Products

LETC101/4 - Latex Powderfree Gloves

Powder Free Latex Gloves, Disposable, Non-sterile (On-line Chlorinated)

## 2 Product Feature

### Usage Conditions:

*The gloves are intended for use in the medical field generally to protect patient and user from cross contamination. It can also be used for medical examinations, diagnostic, therapeutic procedures, or for handling contaminated medical material. Other usages are for the purpose of diagnosis, prevention, monitoring, treatment, or alleviation of disease.*

### Risk Analysis:

*Latex gloves are not intended for use as a chemical barrier and also not suitable for use with petroleum based products and mineral oil because these products break down latex. If you have skin allergies or suspect that you may be sensitized to natural rubber latex, DO NOT USE THESE GLOVES. If you have questions about allergic reactions, or if you have past history of allergic reactions, consult a dermatologist, allergist, or immunologist before wearing latex gloves. Patients that exhibit or have the potential for allergies should be tested for sensitivity to latex prior to being handled with latex gloves. Safe use of this glove by or on latex sensitized individuals has not been established.*

## 3 First Aid Procedure

Immediately discontinue use if any adverse allergic reaction is experienced.

Wash hands thoroughly and seek medical attention and/or help.

## 4 Product Conformance

### Physical Properties:

FDA requirements and ASTM D-3578

### Watertight Test:

FDA requirements and Testing Method ISO 2859

### Biological Evaluation:

Meeting FDA requirements, Primary Skin Irritation Study, Delayed Contact Sensitization

## 5 Primary Chemical Ingredients

1. Raw Material	Natural Rubber Latex	100 parts
2. Fillers	Calcium Carbonate	30.0 parts
3. Chemicals	Sulphur	0.6 part
	TiO <sub>2</sub>	0.4 part
	ZDEC	0.3 part
	ZDBC	0.3 part
	Antioxidant	0.5 part
3. Polymer Coating	Cyclaron 54 (Former Release Agent)	

## 6 Physical Properties (Testing Method ISO 2859)

### Before Aging:

Tensile Strength	18 mpa
Elongation at Break	650%

### After Aging:

Tensile Strength	14 mpa
Elongation at Break	600%

## 7 Chemical Properties

Inside pH value :

7.5 +/- 1

### **8 Storage Condition**

Store in a cool and dry place. Do not store latex gloves where temperatures may rise above 40oC (104oF). Do not store in highly humid or damp areas.

To prevent discoloration, opened boxes of latex gloves should not be exposed to fluorescent light or direct sunlight. Avoid exposure to excess ozone conditions.

### **9 Fire Hazard**

Not considered to be a fire hazard. When force to burn, the product will result in the release of toxic fumes. Firefighters should wear self-contained breathing apparatus and protective equipment.

#### Extinguishing Media:

Water, fog, carbon dioxide, dry chemical

### **10 Melting and Freezing Point**

Not applicable

### **11 Disposal of Used Gloves**

Dispose in accordance with national regulation

### **12 Possible Hazardous Decomposition Products**

Degradable Carbohydrate

Organic acid

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