



**SUPERMAX**  
GLOVE MANUFACTURING SDN. BHD. (218698-T)

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## MATERIAL AND SAFETY DATA SHEET

### Powder Free Nitrile Examination Gloves

#### SECTION 1 COMPOSITION

These gloves are made of Nitrile Synthetic Latex (NR Protein Free) providing strength, comfort and grip.

#### SECTION 2 PHYSICAL DATA

Meet with the requirements of ASTM D 6319: 2000(a) Standard Specification for Nitrile Examination Gloves for Medical Application and BS EN 455-1 & 2: 2000 Medical Gloves For Single Use.

Width	95 ± 10 mm ( size medium)
Length	240 mm minimum
Thickness	0.05 mm minimum (providing tactile sensitivity)
Tensile Strength (unaged)	14 MPa minimum (providing superior strength)
Ultimate elongation (unaged)	500% minimum
Tensile Strength (aged)	14 MPa minimum
Ultimate elongation (unaged)	400% minimum
Watertightness	Substantially impermeable to water vapour and liquid water providing an excellent biological barrier. Double gloving is recommended for reduced risk.

#### SECTION 3 HEALTH HAZARD INFORMATION

Biocompatibility data	Guinea Pig Sensitization (Buehler) - Did not indicate a potential for dermal irritation or allergic contact sensitization.
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Repeated Insult Patch Test -  
Did not indicate a potential for dermal irritation or allergic  
contact sensitization.

#### **SECTION 4 FIRST AID MEASURES**

Skin Other components used in making gloves may also cause allergic  
reactions in some users.

**Note: Leaching and washing processes undertaken during the  
manufacture of powder free gloves have significantly reduced  
residual chemical levels in gloves.**

#### **SECTION 5 HANDLING AND STORAGE**

Storage Store in cool, dry place, avoid excessive heat (40 ° C, 104 ° F).  
Open box should be shielded from exposure to direct sun or  
fluorescent lighting.

Disposal Disposed of in accordance to local disposal regulations.

Fire Hazard Flammable. Suitable extinguishing media are:- dry extinguishing  
media, foam.

#### **SECTION 6 SPECIAL PROTECTION INFORMATION**

In accordance to EN 374-3: 1994 Permeation by Chemicals

40% Sodium hydroxide	Class 6
20% Hydrochloric acid	Class 6

Prepared by:  
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