

# MATERIAL AND SAFETY DATA SHEET

## Powder Free Nitrile Examination Gloves

██████████ Health Incorporated,

1800 ██████████

██████████ Illinois

██████████ USA

██████████

██████████

To: ██████████ 1-877-287-2542

### 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 Standard Specification for Nitrile Examination Gloves for Medical Application and BS EN 455-1, 2 & 3 : 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)    | 12.5 MPa minimum (providing superior strength)                                                                                                        |
| Ultimate elongation (unaged) | 500% minimum                                                                                                                                          |
| Tensile Strength (aged)      | 12.5 MPa minimum                                                                                                                                      |
| Ultimate elongation (aged)   | 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) -<br>Did not indicate a potential for dermal irritation or allergic contact sensitization. |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|

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 |
| Isopropanol          | Class 2 |