



MATERIAL SAFETY DATA SHEET

Doc. No : MSDS / 01

Revision : 0

Page 1 Of 3

Issue date 03.08.2011

1. Identification of Product and Company

Product name : POWDER FREE NITRILE EXAMINATION GLOVES

Main Use : Medical Activities and Industrial use except surgery.

Manufacturer : Mydent International
80 Suffolk Court
Hauppauge, NY 11788

Telephone : 631.434.3190
Fax : 631.434.7750

2. Composition/ Information on Ingredients

Raw materials : Nitrile (Non-Biodegradable)

Chemical : 1) Zinc Dibutyl Dithiocarbamate (ZDBC)
2) Potassium Hydroxide (KOH)
3) Sulphur (S)
4) Zinc Oxide (ZnO)
5) Titanium Dioxide (TiO²)
6) Hydrated Aluminum Silicate (Bentonite)

3. Hazardous Identification

Stability : Stable
Flash Point : N/A
Incompatible Material : None
Extinguishing Media : Foam, Carbon Dioxide & Water
(In fire, these product may produce a black smoke)



MATERIAL SAFETY DATA SHEET

Doc. No : MSDS / 01

Revision : 0

Page 2 Of 3

Issue date : 12.08.2009

4. Physical Properties

Beading	: Beaded at cuff
Colour	: Farsperse Blue MPL 1375
Finishing	: Finger textured
Powder Coating	: NIL
Boiling Point	: N/A
Vapour Pressure (mm Hg)	: N/A
Vapour Density (air = 1)	: N/A
Specific Gravity (water = 1)	: N/A
Solubility in Water	: Insoluble
% Volatile by Volume	: N/A
Evaporation Rate	: N/A
Viscosity	: N/A

Size	Palm Width (mm)	Length (mm)
X-Small	75 ± 5	240
Small	85 ± 5	240
Medium	95 ± 5	240
Large	106 ± 5	240
X-Large	Min 110	240

Location of Thickness Measurement	Single Wall Thickness (mm)
Finger (at 13mm from the extreme tip)	0.10
Palm (at centre of palm)	0.06
Cuff (at 25mm from cuff end)	0.05

Characteristics	Before Ageing	After Ageing
Tensile Strength (MPa)	Min 14	Min 14
Ultimate Elongation (%)	Min 500	Min 400



MATERIAL SAFETY DATA SHEET

Doc. No : MSDS / 01

Revision : 0

Page 3 Of 3

Issue date :12.08.2009

5. Handling and Storage

Handling : No special precautions necessary. Ventilation is not necessary under normal condition.

Storage : Keep away from sunlight and heat. Store at room temperature, between 10°C to 40°C.

6. Exposure Controls

Components used in manufacturing all types of gloves may cause allergic reactions in some users. As with many substances that have the potential of becoming an antigen through extended contact, prolonged contact with latex can result in the sensitization of an individual to latex. If there are any questions about allergic reactions or are a person with a pass history of allergic reactions, consult dermatologist, allergist or immunologist before wearing these gloves.

7. Quality Assurance Conformity

Conformity: The Powder Free Nitrile Gloves, coloured, are produced to meet the FDA 1000 ml water tight requirements, ASTM D 6319 specifications.