

MATERIAL SAFETY
DATA SHEET



Hartalega

SECTION 1: PRODUCT IDENTIFICATION

NAME

Hartalega Sdn. Bhd.

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TELEPHONE NUMBER

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DATE PREPARED

May 16th, 2015

COMMON NAME (USED ON LABEL)

Nitrile Powder Free Examination Gloves

CHEMICAL FAMILY

Carboxylated Butadiene Acrylonitrile Polymer Latex

APPLICATION

Medical and Dental

TRADENAME & SYNONYM

GLOVEON VIGOR LC NITRILE PF
NITRILE POWDER FREE EXAMINATION GLOVES (ORANGE) -
EXTENDED CUFF

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	%(WT)	TLV	PEL
N/A	N/A	N/A	N/A	N/A

PEL: Permissible Exposure Limit established by Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-1988.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION

All chemicals used are non-toxic/ non-hazardous.

Sodium Dodecylbenzenesulfonate, Zinc Di-n-butylthiocarbamate, Sulphur, Zinc Mercaptobenzothiazole, Zinc Oxide, Titanium Dioxide, Paraffin Wax Emulsion.

SECTION 4: FIRST AID MEASURE

If reaction in the form of skin irritation is noticed, remove gloves immediately and wash affected part with saline water. If there is no relief, seek medical reactions.

SECTION 5: FIRE FIGHTING MEASURE

FLASHPOINT

N/A

AUTOIGNITION TEMPERATURE

N/A

FLAMMABLE LIMITS IN AIR

N/A

EXTINGUISHING MEDIA

Chemical foam and dry chemical may be used.

FIRE-FIGHTING PROCEDURES

Use standard procedures for combustion material fires, including approved self-contained breathing apparatus.

FIRE AND EXPLOSION HAZARDS

No fire or explosion hazards are associated with these products. They will melt at elevated temperatures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

BIOCOMPATABILITY

The chemical formulation of the gloves and surface lubrication materials does not contain any substances normally known to be harmful to the user or to any person with whom the gloves come into contact.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Nitrile Powder Free Gloves are not expected to cause any adverse health effects.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

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

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION

Not necessary under conditions of intended use.

SKIN PROTECTION

Not necessary under conditions of intended use.

RESPIRATORY PROTECTION

Not necessary under conditions of intended use.

VENTILATION

Not necessary under conditions of intended use.

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

These products are solid articles and are not subject to leaks or spills.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ ODOR

Ambidextrous, Beaded Cuff, Micro-textured, Chlorinated, Powder Free, Orange.

DIMENSION	SMALL	MEDIUM	LARGE	X-LARGE
Length (mm)	Minimum 240 (same for all)			
Width (mm)	86 ± 4	98 ± 4	107 ± 4	115 ± 4

THICKNESS (mm) - SINGLE WALL MEASUREMENT (same for all)

Finger (mm)	0.17 ± 0.02
Palm (mm)	0.13 ± 0.02

TENSILE PROPERTIES

	UNAGED	AGED
Tensile Strength (Mpa)	Min. 18.0 MPa	Min. 16.0 MPa
Ultimate Elongation (%)	Min. 500%	Min. 500%
Elongation after Isopropanol immersion (%)	Min. 500%	NA

SECTION 10: STABILITY AND REACTIVITY

BOILING POINT

N/A

VAPOR PRESSURE (mm Hg)

N/A

VAPOR 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

SECTION 11: TOXICOLOGICAL INFORMATION

STABILITY

Stable.

CONDITIONS TO AVOID

Does not apply.

INCOMPATIBILITY (MATERIALS TO AVOID)

High polar solvent like methyl ethyl ketone, acetone.

HAZARDOUS DECOMPOSITION PRODUCTS

In a fire, these products may produce a black smoke. Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, aromatic/ aliphatic hydrocarbons.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD

Consult current local, state and federal regulations for proper disposal methods.

SECTION 14: TRANSPORT INFORMATION

N/A

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

RECOMMENDED USE AND RESTRICTION

The Nitrile Powder Free Gloves is a Single Use device.