

MATERIAL SAFETY
DATA SHEET



Hartalega

SECTION 1: PRODUCT IDENTIFICATION

NAME Hartalega Sdn. Bhd.	ADDRESS C-G-9, Jalan Dataran SD1, Dataran SD, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur
TELEPHONE NUMBER (603) 62771733	DATE PREPARED May 18, 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 HAMMER NITRILE PF NITRILE POWDER FREE EXAMINATION GLOVES (BLACK)

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
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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, Black.				
DIMENSION	SMALL	MEDIUM	LARGE	X-LARGE
Length (mm)	Minimum 230 (same for all)			
Width (mm)	86 ± 4	98 ± 4	107 ± 4	115 ± 4
THICKNESS (mm) - SINGLE WALL MEASUREMENT (same for all)				
Finger (mm)	0.12 ± 0.02			
Palm (mm)	0.08 ± 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				
NA				
SECTION 13: DISPOSAL CONSIDERATION				
WASTE DISPOSAL METHOD Consult current local, state and federal regulations for proper disposal methods.				
SECTION 14: TRANSPORT INFORMATION				
NA				
SECTION 15: REGULATORY INFORMATION				
NA				
SECTION 16: OTHER INFORMATION				
RECOMMENDED USE AND RESTRICTION The Nitrile Powder Free Gloves is a Single Use device				