

SAFETY DATA SHEET		MISUMI (THAILAND) CO., LTD.		
SECTION 1: PRODUCT IDENTIFICATION				
NAME MISUMI (THAILAND) CO., LTD.		ADDRESS 300/24 MOO 1, EASTERN SEABOARD INDUSTRIAL ESTATE SOI 5, T.TASITH, A.PLUAKDAENG, RAYONG 21140 THAILAND		
TELEPHONE NUMBER 1382		DATE PREPARED August 13, 2021		
COMMON NAME (USED ON LABEL) Nitrile Powder Free Examination Gloves.		CHEMICAL FAMILY Carboxylated Butadiene Acrylonitrile Polymer Rubber.		
APPLICATION Medical and Dental.		TRADENAME & SYNONYM NITRILE POWDER FREE GLOVE 4.7G BLUE GNGMB-S/M/L		
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. Butadiene Acrylonitrile Rubber, Sodium Dodecyl Benzenesulfonate (SDBS), Zinc Oxide, Sulphur, Zinc Di-n-butylthiocarbamate (ZDBC), Wax Emulsion, Titanium Dioxide, Copper Phthalocyanine Blue & Dioxazine Violet.				
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 particles and are not subject to leaks or spills.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE/ ODOR**

Ambidextrous, Beaded Cuff, Finger-textured, Chlorinated, Powder Free, Aqua Blue.

DIMENSION	EXTRA-SMALL	SMALL	MEDIUM	LARGE	EXTRA-LARGE
Length (mm)	Minimum 230 (same for all)				
Width (mm)	76 ± 4	86 ± 4	98 ± 4	107 ± 4	115 ± 4
THICKNESS (mm) - SINGLE WALL MEASUREMENT (same for all)					
Finger (mm)	0.12 ± 0.02				
Palm (mm)	0.09 ± 0.02				

TENSILE PROPERTIES**UNAGED****AGED**

Tensile Strength (Mpa)

Min. 18.0 Mpa

Min. 16.0 Mpa

Ultimate Elongation (%)

Min. 500%

Min. 400%

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.