

## MATERIAL SAFETY DATA SHEET

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Identity: <b>12", Nitrile Ambidextrous, Palm textured, Cleanroom Class 100 Gloves</b>	
<b>Section 1: Identification</b>	
<b>Manufacture's Name:</b>	<b>Emergency Telephone No:</b>
Bonric Sdn Bhd	603-60573400 603-60574773
<b>Address:</b>	<b>Telephone for Information:</b>
Lot 25&26, Kawasan Perindustrian , MIEL, 44300, Batang Kali, Selangor Darul Ehsan	603-60573400
	<b>Fax No:</b>
	603-60574452
<b>Product Name</b>	<b>Product Code</b>
12", Nitrile ambidextrous, palm textured, Cleanroom class 100 Gloves	NCP
<b>Raw materials</b>	Nitrile Latex: 95.5% Chemicals: 4.5%

<b>Section II : Hazardous Ingredients / Identity Information</b>	
<b>Chemical Component</b>	<b>Hazardous Component</b>
All Chemicals used are non toxic / non hazardous The Chemicals are:	N/A
1. Carboxylated Butadiene Acrylonitrile Polymer Latex (NBR)	TLV
2. Zinc diethyl dithiocarbamate (ZDEC)	
3. Zinc dibutyl dithiocarbamate (ZDBC)	N/A
4. Potassium Hydroxide (KOH)	
5. Sulphur (S <sub>8</sub> )	PEL
6. Zinc Oxide (ZnO)	
7. Titanium Dioxide (TiO <sub>2</sub> )	N/A
8. Sterically Hindered Polymeric Phenol	
9. Pigment: Blue, Purple, Green (optional)	
* TLV - Threshold Limit Value established by Occupational Safety and Health Administration (OSHA) PEL - Permissible Exposure Limit established by the American Conference of Industrial Hygienist 87-88	



**Bonric Sdn Bhd** (208508-M)  
(Affiliated to CT International USA)



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Section III: Physical Data		
Physical Appearance	Beading	:Beaded Cuff
	Colour	:Blue, Purple, Green (optional)
	Surface Finishing	:Palm 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	

Section IV: Quality Assurance Conformity	
Conformity:	The Nitrile Powderfree Gloves are produced conforming to FDA's 1000ml Watertight Test ASTM D5151-99, ASTM D3578-01 and conforms to customer specified standard accordingly.

Section V: Fire and Explosion Hazard Data	
Flash Point	N/A
Autoignition Temperature	N/A
Flammable Limits	N/A
Extinguishing Media	Water, Carbon dioxide, Chemical Foam, Dry Powder and Fire Extinguishing media may be used.
Fire fighting procedures and Personal Protection	Use of standard procedure 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 relevant temperature.

Section VI: Health Hazard Data	
Bio-Compatibility	The chemical formulation of the gloves and surface lubricating substances materials does not contain any substances normally known to be harmful to the user or to any person with whom the gloves get in contact.
Medical Conditions Generally Aggravated by Exposure	Nitrile Powder Free Gloves are not expected to cause any adverse health effects



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## Section VII: Emergency and First Aid Procedures

Caution Statement:	User should be aware that components used in making 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 you have any questions about allergic reactions, consult dermatologist, allergist or immunologist before wearing these gloves.
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## Section VIII: Reactivity Data

Stability	Stable
Condition To Avoid	Does not apply
Incompatibility (Material to Avoid)	Gloves easily contaminated while in contact with copper content material
Hazardous Decomposition Products	In a fire, these product may produce a black smoke
Hazardous Polymerization	Will not occur

## Section IX: Spill, Leak and Disposal Procedures

Steps to be taken in case material is leaked or spilled	These products are solid articles and are not subjects to leak or spill.
Waste Disposal Method	Consult current local, state and federal regulations for proper disposal methods

## Section X: Personal Protection Information

Eye, Skin, Respiratory Protection	Not necessary under condition of intended use
Ventilation	Not necessary under condition of intended use

## Section XI: Special Precautions

### Precaution to be taken in handling and storage

Do not store gloves where temperature may rise above 104°F (40°C); store them in a cool place. Open boxes of gloves should be shielded from exposure to direct sun or fluorescent lighting to prevent discolouration, Nitrile gloves should not be stored in damp or high humidity areas.