

# Safety Data Sheet

## Nitrile Gloves Long Cuff



### 1. Identification of the substance / Preparation and Company Information

Product name:	Nitrile Gloves Long Cuff
Article no.:	112XXX
Chemical family:	Nitrile Butadiene Rubber (NBR)
Chemical name:	None
Purpose:	General protection of hands against germs and bacteria as well as prevention of contamination.
Name of supplier:	Eagle Protect
Address of supplier:	EPIC, Unit 7a 100 Manchester St Christchurch Central 8011 New Zealand
Telephone:	0800 633 468
Fax:	0800 633 467
E-mail:	<a href="mailto:info@eagleprotect.co.nz">info@eagleprotect.co.nz</a>
Website:	<a href="http://www.eagleprotect.co.nz">www.eagleprotect.co.nz</a>
Emergency telephone:	In the case of an emergency please call 111.

### 2. Hazards Identification

General information:	Identified hazards include: <ul style="list-style-type: none"><li>- Reusing gloves can cause transmission of pathogens and bacteria – for single use only.</li><li>- Direct contact with 68% Nitric Acid will cause fire – avoid contact.</li><li>- Glove deterioration and failure as a barrier can occur through exposure to extended periods of sunlight or UV light – keep product away from long exposure to light sources. See section 7 for further details.</li></ul>
Classification of the substance according to Directive 67/548/EEC or Directive 1999/45/EC:	N/A
Labelling according to EU guidelines:	N/A
LAT/IATA/ICAO Hazard Rating :	N/A
D.O.T Rating :	N/A
Risk phrases:	N/A
Safety phrases:	N/A

### 3. Composition/Information on ingredients

Chemical name	Range
A. Dipping Compound:	
NBR (Nitrile Butadiene Rubber)	90.63%
Sulphur	1.60%
Zinc Oxide (active)	1.60%

Titanium Oxide	1.60%
ZDBC (Zinc Dibutyl Dithiocarbamate)	0.90%
Vultamol	0.20%
Ammonia (12%)	0.20%
Calcium Nitrate	0.20%
PU (Polymer Coating)	3.00%
Pigment Blue	0.07%
<b>B. Coagulant Solution</b>	
Calcium Nitrate	20%
Wetting Agent	0.1%
Water	79.9%
Solid Content %	20%
<b>C. Polymer Coating (PU)</b>	
Additional Information:	<p>CAS number: not established.</p> <p>The glove is made from synthetic carboxylated butadiene acrylonitrile copolymer latex with small amount of sulphur, rubber accelerators, zinc oxide, stabilizer potassium hydroxide, color pigment, white pigment titanium dioxide and dispersion agent bonded inside the glove.</p> <p>These chemicals are required for enhancing the physical properties of the glove.</p> <p>The accelerators and other chemicals used are generally considered as safe materials in the proportion used.</p> <p>Incorrect formulated glove compound will only affect the physical properties of the glove and has no effect on its properties as a biological barrier.</p>

#### 4. First Aid Measures

General information:	If user experiences any discomfort, discontinue use and consult a physician.
After inhalation:	N/A
After skin contact:	If irritation or discomfort occurs, discontinue use and consult a physician.
After eye contact:	N/A
After swallowing:	N/A

#### 5. Firefighting Measures

Extinguishing Media:	N/A
Special hazards arising from the substance:	N/A
Protective equipment:	N/A

#### 6. Accidental Release Measures

Personal precautions:	N/A
Environmental precautions:	N/A
Methods and material for containment and cleaning up:	N/A

#### 7. Handling and Storage

Precautions for safe handling:	Single use non-sterile gloves. Not for sterilizing by user. Not for
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	use in sterile/clean room. Gloves can be used for handling glass up to 80°C but not with flammable items. Exercise caution when handling items above ambient temperature.
Fire and explosion protection:	
Requirements to be met by storerooms and receptacles:	Keep glove away from direct sunlight or UV light and ambient temperature no higher than 40°C. Glove will deteriorate with long exposure to sunlight (more than 72 hrs continuously) and UV light (more than 30 days continuously).
Information about storage in one common storage facility:	N/A
Further information about storage conditions:	Shelf life: 5 years

### 8. Exposure controls/personal protection

Additional information about design of technical facilities:	N/A
Ingredients with limit values that require monitoring at the workplace:	N/A
Personal protective equipment:	N/A
General protective and hygienic measures:	N/A
Respiratory protection:	N/A
Protection of hands:	If irritation occurs discontinue use and consult a physician.

### 9. Physical and Chemical Properties

Appearance:	Single use ambidextrous Nitrile gloves, 4.5mil thickness, 290mm length, beaded cuff, non-sterile, texturised surface, sizes S-3XL.
Form:	Solid
Colour:	Blue
Odour:	N/A
pH Value:	N/A
Melting point:	180°C
Boiling point:	N/A
Flash point:	N/A
Flammability (solid, gaseous)	Flammable if in contact directly with high percentage 68% Nitric Acid.
Ignition temperature:	N/A
Self-igniting:	N/A
Danger of explosion:	N/A
Explosion limits:	N/A
Vapour pressure at 20°C	N/A
Density:	N/A
Breaking Point:	N/A
Elongation Raths (min %):	Unaged: 500%    Aged: 400%
Tensile Strength (Min MPA):	Unaged: 14    Aged: 14
Solubility in water:	N/A

Segregation coefficient (n-octanol /water):	N/A
Viscosity	N/A
Dynamic:	N/A
Kinematic:	N/A
Solvent content:	N/A
Solids content:	N/A

### 10. Stability and Reactivity

Thermal decomposition/conditions to be avoided:	Contact with 68% Nitric Acid directly will cause fire – avoid contact.
Incompatibility/Materials:	Glove has good general resistance against hydrocarbon solvent due to it's synthetic content, however individual hydrocarbon solvent penetration time is required to be tested before application.
Hazardous Polymerisation:	N/A
Hazardous Decomposition Products:	Deteriorated glove does not emit harmful substances.

### 11. Toxicological Information

Acute toxicity:	N/A
Primary irritant effect	
On the skin:	No irritant observed from skin irritant animal studies.
On the eyes:	N/A
Sensitization:	N/A
Additional toxicological information:	N/A

### 12. Ecological Information

Aquatic toxicity:	N/A
Persistence and degradability:	Deteriorated glove does not emit harmful substances.
Behaviour in environmental systems:	N/A
Bio accumulative potential:	N/A
Ecotoxic effects:	N/A

### 13. Disposal Considerations

General Methods:	Dispose of according to local government regulations.
Disposal Methods:	Main ingredient is non-biodegradable synthetic polymer. If disposed of by incineration, temperature must be higher than 850°C.
Disposal of Packaging:	N/A

### 14. Transport Information

General:	N/A
UN Number:	N/A
Transport hazard class:	N/A
Packing group:	N/A
Environmental hazards:	N/A

Special precautions for user:	N/A
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**15. Regulatory Information**

Labelling:	N/A
Hazard designation of product:	N/A
Transport hazard class:	N/A
Hazard components of labelling:	N/A
Risk phrases:	N/A
Safety phrases:	In the event of skin irritation or rash, discontinue use. Avoid contact with eyes.
Special labelling:	Labelling includes product description, Lot number and Manufacturing Date on outer and inner packaging. Size identified by palm width measurement.

**16. Other Information**

Issued by:	Health & Safety
Revision date:	22 November 2023

**DISCLAIMER**

This information is based on presently available data and knowledge. It describes the product related to the appropriate safety precautions.

The information contained in this SDS has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Eagle Protect disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.