

Product Information & Material Safety Data Sheet

"X-TRETCH" Nitrile**EXAMINATION GLOVES, POWDER FREE, NON-STERILE**

Section 1 Identification		
Manufacturer Name	Emergency Telephone no.	
CROSS PROTECTION (M) SDN BHD	+603-33920000	
	Fax no.	Phone no
Address	+603 33920001	+603 33920000
NO 9, Jln Perindustrian 5, Batu 5 1/2, Off Jln Haji Abdul Manan, 41050 Klang, Selangor, Malaysia	Product Use	
	Nitrile Examination Gloves, Powder free, Non-Sterile	
Date MSDS Prepared 1-Nov-17	Identifier	
MSDS Prepared By Ms GC Tan	550-CPNF (XS); 650-CPNF (S); 750-CPNF (M); 850-CPNF (L); 950-CPNF(XL)	
	Classification: Class I	

Section 2 Composition / Information on Ingredients																
<p>Chemical Component Listings:</p> <p>The chemical formulation of the gloves and surface lubricating materials should be such that they do not contain any substances normally known to be harmful to the wearer or to any person whom the gloves comes into contact.</p> <p>All chemicals used are non-toxic/non hazardous as listed.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">1. Carboxylated Butadiene Acrylonitrile Polymer Latex</td> <td>(NBR)</td> </tr> <tr> <td>2. Zinc diethyl dithiocarbamate</td> <td>(ZDEC)</td> </tr> <tr> <td>3. Zinc dibutyl dithiocarbamate</td> <td>(ZDBC)</td> </tr> <tr> <td>4. Potassium Hydroxide</td> <td>(KOH)</td> </tr> <tr> <td>5. Sulphur</td> <td>(S₈)</td> </tr> <tr> <td>6. Zinc Oxide</td> <td>(ZnO)</td> </tr> <tr> <td>7. Titanium Dioxide</td> <td>(TiO₂)</td> </tr> <tr> <td>8. Color Pigment</td> <td></td> </tr> </table>	1. Carboxylated Butadiene Acrylonitrile Polymer Latex	(NBR)	2. Zinc diethyl dithiocarbamate	(ZDEC)	3. Zinc dibutyl dithiocarbamate	(ZDBC)	4. Potassium Hydroxide	(KOH)	5. Sulphur	(S ₈)	6. Zinc Oxide	(ZnO)	7. Titanium Dioxide	(TiO ₂)	8. Color Pigment	
1. Carboxylated Butadiene Acrylonitrile Polymer Latex	(NBR)															
2. Zinc diethyl dithiocarbamate	(ZDEC)															
3. Zinc dibutyl dithiocarbamate	(ZDBC)															
4. Potassium Hydroxide	(KOH)															
5. Sulphur	(S ₈)															
6. Zinc Oxide	(ZnO)															
7. Titanium Dioxide	(TiO ₂)															
8. Color Pigment																

Section 3 Hazards Identification
<p>User should be aware that components used in making all types of gloves may cause allergic reactions to some users. This is due to 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 doubts or questions about allergic reactions or are a person with past history of allergic reactions, consult dermatologist, allergist or immunologist before wearing the gloves.</p>

Section 4 First Aid Measures
<p>Eye Contact: Not applicable</p> <p>Skin Contact: Wash hand with soap and water. Seek medical advice.</p> <p>Inhalation: Not applicable</p> <p>Ingestion: Not applicable</p>

Section 5 Fire & Explosion Hazard Data	
Extinguishing Media	Water, Carbon Dioxide, Chemical Foam, Dry powder and fire extinguishing media to be used.
Fire Fighting procedure and personal protection	Use standard procedure for combustion material fires, including approved self contained breathing apparatus.
Fire and explosion hazard	No fire or explosion hazards are associated with the gloves. They will melt at elevated temperature.

Section 6 Accidental Release Measures	
Not applicable	

Section 7 Handling and Storage	
Storage	Store in original packing. In a cool, dry and well-ventilated area, away from dust, direct sunlight, moisture, X-ray and excessive heat above 37 DEG C. Improper storage may reduce shelf life.
Disposal	In accordance to local disposal regulations.

Section 8 Exposure Control / Personal Protection	
Ventilation And Engineering	Not necessary under normal condition
Special Handling	The product is intended as a hand device only and not as toy which can cause suffocation. Keep away from young children or people incapable of using them properly. User are advised against touching sensitive skin areas such as the eyes, nose, lips and mouth after donning to minimize skin irritation on certain individual. User should replace it frequently, wash and clean their hand prior to donning the product again to reduce skin fatigue and roughening on the areas in frequent contact with the product.
Personnel Protective Equipment (PPE): Not applicable.	

Section 9 Physical and Chemical Properties		
The gloves are designated by type, design and finish as follows:-		
1. Type : 100% nitrile (Acrylonitrile-butadiene)		
2. Design : Ambidextrous (i.e. fits either hand) and straight fingers		
3. Finish : Finger textured surface		
4. Material The gloves are made from 100% nitrile (Acrylonitrile-butadiene) and intended for use when conducting medical examination, emergency medical services, diagnostic procedures, therapeutic procedures, handling contaminated medical material and for chemical splash protection, which are worn once and then discarded.		
5. Physical Data		
	Testing Method	Specifications
Powder Free Residue (mg/glove)	QCTM 0027	≤ 2
Dimension	Size XS Size S Size M	QCTM 1022 Palm width ≤ 80mm; Length 230 mm MIN Palm width 80 ± 10 mm; Length 230 mm MIN Palm width 95 ± 10 mm; Length 230 mm MIN

	Size L Size XL		Palm width 110 ± 10 mm; Palm width ≥ 80mm;	Length 230 mm MIN Length 230 mm MIN
Thickness (All sizes, mm) (Single wall)	Finger Palm Cuff	QCTM 1022	0.07 MIN 0.06 MIN 0.05 MIN	
Physical Properties	Before aging Tensile strength Elongation (%) Force at break (N) After aging Tensile strength Elongation (%) Force at break (N)	QCTM 1021 QCTM 0135	MIN 14 Mpa MIN 500 MIN 6 MIN 14 Mpa MIN 400 MIN 6	

Section 10 Stability / Reactivity	
Stability	Stable
Condition to avoid	N/A
Imcompatibility (Materials to avoid)	Gloves are easily contaminated while in contact with copper content material
Hazardous Decomposition products	In a fire, the gloves might produce black smoke.
Hazardous polymerization	Will not occur

Section 11 Toxicological Information	
Not Applicable	

Section 12 Ecological Information	
Not Applicable	

Section 13 Disposal Consideration	
We recommend that all used products be disposed of in a hygienic manner, either through incineration or buried in authorised landfills (biodegradable).	

Section 14 Transport Information	
Not Applicable	

Section 15 Regulatory Information	
Conformity	<ol style="list-style-type: none"> 1. Gloves conform to ASTM D6319, EN 455 (Part 1, 2, 3 & 4) and FDA's 1000 ml water leak test. 2. Gloves comply with European Medical Device Directive 93/42/EEC (CE Class 1) 3. Gloves comply with Personal Protective Equipment Directive 89/686/EEC (Complex design category and type tested to EN 420, EN 374-2, EN 374-3, and EN 388)

Section 16 Other Information	
<p><i>To the best of our knowledge, the information contained herein is accurate. However, Cross Protection does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. Although certain are described herein, we cannot guarantee that these are the only hazards that exist</i></p> <p><i>All materials may present unknown</i></p>	