

TECHNICAL DATA SHEET

Product Code: 510WSWG37705SX (X=S, M, L, XL)

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Revision No.	Issue Date	Reason for Issue
0	09-May-2016	First Issue
1	13-Dec-2016	Added EC Certification no., stamping and Chemical Resistant Chart

TECHNICAL DATA SHEET

Revision No : 1 Date : 13-Dec-2016		Brand : WORKSafe Product Code: 510WSWG37705SX (X=S, M, L, XL)	
Manufactured By: PDS International Pte Ltd 10 Pandan Crescent, #05-03/04 (LL2) Singapore 128466. Telephone: +65-6776 6200 Facsimile: +65-6776 6882 E-mail : pds@safety.com.sg Website: www.safety.com.sg			
1. Product Features - Excellent hand and material protection with a keen sense of touch and great dexterity. - Soft elastic material exerts less pressure on the hand for a comfortable fit. - Material Nitrile Butadiene Rubber (NBR) provided better puncture and abrasion resistance. - Quality certification ISO 9001, ISO 13485 - Conformity to guidelines: Personal Protective Equipment 89/686/EEC: CE Cat.III Medical Device Directive 93/42/EEC:CE Class I - Conformity to standards: EN420, EN455, ASTM D6319, EN374-2:specified level2-AQL1.5, EN374-3: Class 6 - Conformity to food regulation: 1935/2004			
2. Application/Usage - Food preparation - Pharmaceutical industry - Precision electronics industry - Assembly of small components - General works at hospital and clinics - Professional hair washing and dye - Cosmetics and perfume production			
3. Product Description Single-use disposable examination or protective powder free nitrile gloves. Material : Nitrile Butadiene Rubber (NBR) Colour : Blue Shape : Ambidextrous-straight fingers External : No treatment Internal : Online chlorinated/powder free Cuff/surface : Rolled cuff/finger textured Length : median 300 mm Thickness : Finger: min. 0.24mm Palm: min.0.16mm Cuff: min.0.10mm (double measured) Residual powder : ≤ 2mg/glove Force at break : med.6.0N 			

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4. Physical Properties (ASTM D6319) <table border="1"><tr><td>Before Aging</td><td>Tensile at break (MPa) : min 14 Elongation at break (%) : min 500</td></tr><tr><td>After Aging</td><td>Tensile at break (MPa) : min 14 Elongation at break (%) : min 500</td></tr></table>		Before Aging	Tensile at break (MPa) : min 14 Elongation at break (%) : min 500	After Aging	Tensile at break (MPa) : min 14 Elongation at break (%) : min 500																				
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6. EC Type Examination Certification To refer certificate no: Number 7815 Issue 1 Extension 6																									
7. User Information To refer documentation no: Not applicable																									
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9. Chemical Resistance Chart

Protective gloves WORKSafe® 510WSWG37705 for single use have been tested in accordance with EN 374-3

"Determination of resistance to permeation by chemicals"

Chemical (synonyms)	CAS-Number	WORKSafe® 510WSWG37705
Acetic acid (10%) (methyl carbon acid)	64-19-7	Level 4
Acetone (2- propanone, methyl ketone)	67-64-1	X
Acetonitrile (cyanomethane, ethyl nitrile)	75-05-8	X
Acryl amide (40%) (acrylic acid amide)	79-06-1	Level 6
Ammoniumhydroxid (25 %)	1336-21-6	Level 1
Benzalconiumchloride liquid (Quats)	63449-41-2	n.t.
Chlorhexidindigluconat (0,5%)	18472-51-0	n.t.
Chloroform (trichloromethane)	67-66-3	X
Cyclohexanol (Hexalin / at 23°C)	108-93-0	Level 3
Dichloromethane (methylene chloride, Freon 30)	75-09-2	X
Diethyl amine (DEA)	109-89-7	X
Diethyl ether (diethyloxid, ethoxyethane)	60-29-7	X
Dimethylsulfoxide DMSO (deltan, demasorb)	67-68-5	X
Ethanol (20%) (ethyl alcohol)	64-17-5	Level 1
Ethanol (40%) (ethyl alcohol)	64-17-5	A
Ethanol (70%) (ethyl alcohol)	64-17-5	A
Ethanol (80%) (ethyl alcohol)	64-17-5	A
Ethanol p.a. (ethyl alcohol)	64-17-5	A
Ethidium bromide (1%) (homidium bromide)	1239-45-8	Level 6
Ethyl acetate (Aceto acid ether)	141-78-6	X
Formaldehyde (37%) with Methanol (10%) (formalin, methyl aldehyde) *	50-00-0	Level 5
Gasoline (heavy, bp 150 – 190°C)	8032-32-4	X
Glutaraldehyde (5%) (1,3- diformylpropane; Glutaral)	111-30-8	Level 6
Heptane – n	142-82-5	X
Hexane – n	110-54-3	X
Hydrochloric acid (10%) (muriatic acid, chlorohydric acid)	7647-01-0	n.t.
Hydrochloric acid (36%) (muriatic acid, chlorohydric acid)	7647-01-0	n.t.
Hydrofluoric acid (40%)	7664-39-3	X
Hydrogen Peroxide (30%)	7722-84-1	n.t.
Isopropyl alcohol (40%) (2- propanol, isopropanol, IPA)	67-63-0	Level 1
Isopropyl alcohol (70%) (2- propanol, isopropanol, IPA)	67-63-0	Level 1
Isopropyl alcohol p.a. (2- propanol, isopropanol, IPA)	67-63-0	Level 1
Methanol (5%) (methyl alcohol)	67-56-1	Level 6
Methanol p.a. (methyl alcohol)	67-56-1	A
Nitric acid (10%) (Aqua fortis, spirit of nitre)	7697-37-2	Level 6
Nitric acid (36%) (Aqua fortis, spirit of nitre)	7697-37-2	Level 3
Nitric acid (50%) (Aqua fortis, spirit of nitre)	7697-37-2	n.t.
Phenol (10%) (carbolic acid, benzenol, hydroxybenzene)	108-95-2	X
Phenol (80%) (carbolic acid, benzenol, hydroxybenzene)	108-95-2	X
Phosphoric acid (30%) (orthophosphoric acid)	7664-38-2	Level 6
Potassium hydroxide (30%) (caustic potash, lye)	1310-58-3	Level 6
Sodium hydroxide (30%)(caustic soda, lye, white caustic)	1310-73-2	Level 6
Sodium hydroxide (40%)(caustic soda, lye, white caustic)	1310-73-2	Level 6
Sulphuric acid (96%) (vitriol)	7664-93-9	Level 1
Toluene (methylbenzol, phenylmethan, toluol)	108-88-3	x
Trichlorethane (methyltrichloromethane)	71-55-6	x
Xylene (xylol, dimethylbenzene)	95-47-6	x

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10. Packaging

- a) Packing style
 - 100 pieces in a dispenser box (90 pieces XL)
 - 10 dispenser boxes in a master carton
 - 1000 pieces in a master carton (900 pieces XL)
- b) Dispenser box layout
 - WORKSafe®
- c) Dispenser box dimension
 - Length: 245 mm x Width: 125mm x Height: 74mm
- d) Carton Marking
 - WORKSafe®
- e) Carton Dimension
 - Length: 380 mm x Width: 258 mm x Height: 255 mm

11. Storage

3 years storage life (date of expiration see on the box). Keep area cool, dry and dust free, avoid ventilation and storage close to photocopy equipment. Copper-ions discolour the glove. Protect gloves against ultraviolet light sources, as sunlight and oxidizing agents. Storage above 30°C (recommended 10-30 degrees) will lead to accelerated aging and should be avoided. Recommended storage at 10 to 30.

12. Warning and Reporting System

Potentially allergenic ingredients:

Dithiocarbamate type, Zinc-mercaptobenzothiazol

(For further information, the actual version of the ingredients list is given on request.)

Medical Device Vigilance (MDD) and Reporting System:

According to the official reporting criteria of MDD, incidents caused by examination gloves or surgical gloves must be reported immediately to us.

Tel : +65-67766200 ; Fax : +65-6776 6882

Caution! This products contains accelerators which may cause allergic reactions