



Critical environment

ADVANTECH 517

A tripolymer exclusive that offers 100% comfort for optimal mechanical and chemical resistance



CHEMICAL PROTECTION
TYPE B

EN388



1110X

EN ISO 374-1



TYPE B
KST

EN ISO 374-5



CATEGORY 3



0334

DEXTERITY

EN420:
5/5

SPECIFIC ADVANTAGES



Skin protection

- Excellent resistance and strong chemical protection against a great number of chemical products: exclusive Trionic formula made from a mix of natural latex, neoprene and nitrile
- Hypoallergenic



Guaranteed quality

- Manufacturing process ensuring the control of a very low level of contaminants: particulate content, non-volatile residues, extractables => Washed, controlled and packaged in an ISO 5 room
- Silicone free to prevent traces, defects on metal sheet and glass prior to painting



Practical

- Wide cuff for double-gloving




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LEGENDS

EN388 **MECHANICAL HAZARDS**



PERFORMANCE LEVELS (X = NOT TESTED)

1 1 1 0 X

0-4 0-5 0-4 0-4 A-F P

Impact protection (optional)

Cut resistance according to ISO 13997


Puncture resistance

Tear resistance

Blade cut resistance

Abrasion resistance

EN ISO 374-1 **CHEMICAL RISKS**




K: Sodium hydroxide 40%

S: Hydrofluoric acid 40%

T: Formaldehyde 37%

TYPE B

EN ISO 374-5 **MICRO-ORGANISMS**



Protection against bacteria and fungi

FOOD CONTACT
US (FDA)

PRODUCT DETAILS

Interior finish	Chlorinated
Exterior finish	Embossed texture
Material	Natural latex, polychloroprene and nitrile
Cuff characteristic	Straight cuff
Colour.s	Beige
Length (inches)	14.0"
Thickness (inches)	0.02" (20 mil)
European sizes	6 7 8 9 10

LOGISTIC DETAILS

Packaging	1 pair/bag 12 pairs/bag 72 pairs/carton
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LEGISLATION

- This product is not classified hazardous according to the regulation (EC) n°1272/2008 of the European Parliament and of the Council.
- This product does not contain more than 0.1 % of substance of very high concern (SVHC) or any substance included in the annex XVII of the regulation n° 1907/2006 of the European Parliament and of the Council (REACH).
- UE type certificate or CE type examination certificate: 0075/014/162/09/18/1938
- Issued by the notified body nr: 0075 CTC - 4, rue Hermann Frenkel - 69367 Lyon Cedex 07- FRANCE
- Quality assurance certificat: 0334 - Asqual 14 rue des Reculettes -75013 Paris - France



AdvanTech 517

Chemical Product	CAS #	Breakthrough time (minutes)	Permeation level	Standard	Degradation level	Rating
1,1,1-Trichloroethane 99%	71-55-6	7	0	ASTM F739	NT	NA
1,1,1,2,2,3,4,5,5,5-Decafluoropentane 97%	138495-42-8	13	1	ASTM F739	NT	NA
1,1,2-Trichlorotrifluoroethane (Freon TF or Freon 113) 99%	76-13-1	20	1	ASTM F739	1	-
1,2 Dichloroethylene 98%	156-60-5	2	0	ASTM F739	2	-
1,3 Ethoxy propionate (Ethyl 3-ethoxypropionate) 99%	763-69-9	480	6	ASTM F739	NT	NA
2-Butoxyethanol (Butyl Cellusolve) 99%	111-76-2	53	2	ASTM F739	NT	NA
2-Butoxyethylacetate (Butyl cellosolve acetate) 85%	112-07-2	35	2	ASTM F739	NT	NA
2-Ethoxyethanol (Cellosolve) 99%	110-80-5	27	1	ASTM F739	NT	NA
2-Ethoxyethyl acetate (Cellosolve Acetate) 99%	111-15-9	14	1	ASTM F739	4	+
2-Methoxyethanol (Methyl Cellosolve) 99%	109-86-4	40	2	ASTM F739	NT	NA
2-Methoxyethanol Acetate (Methyl cellosolve acetate) 98%	110-49-6	27	1	ASTM F739	NT	NA
2-Propanol (Isopropanol) 99%	67-63-0	38	2	ASTM F739	4	+
4,4 - diamino diphenylsulfone 97%	80-008-0	480	6	ASTM F739	NT	NA
4,4'-Methylenedianiline (MDA) 15% and 15% Methanol mixture	101-77-9	19	1	ASTM F739	NT	NA
4,4'-Methylenedianiline (MDA) 15% in Toluene mixture	101-77-9	15	1	ASTM F739	NT	NA
Acetic acid 10%	64-19-7	NT	NT		4	NA
Acetic acid 50%	64-19-7	NT	NT		4	NA
Acetic acid 99%	64-19-7	32	2	ASTM F739	4	+
Acetone 99%	67-64-1	6	0	ASTM F739	4	=
Aluminum Etch mixture	NA	960	6	ASTM F739	4	++
Aluminum Oxide mixture	NA	55	2	ASTM F739	NT	NA
Ammonium Fluoride 40%	12125-01-8	480	6	ASTM F739	NT	NA
Ammonium Fluoride 79%	12125-01-8	480	6	ASTM F739	NT	NA

*not normalized result

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Ammonium hydroxide solution 29%	1336-21-6	36	2	ASTM F739	4	+
Baker PRS-1000 mixture	NA	20	1	ASTM F739	NT	NA
Baker PRS-2000 mixture	NA	130	4	ASTM F739	NT	NA
Baker PRS-3000 mixture	NA	480	6	ASTM F739	NT	NA
Benzene 99%	71-43-2	4	0	ASTM F739	1	-
Buffered Oxide Etch mixture	NA	480	6	ASTM F739	4	++
Butyl Acetate 99%	123-86-4	7	0	ASTM F739	4	=
Chromic Acid 50%	7738-94-5	60	2	ASTM F739	NT	NA
Cyclohexanone 99%	108-94-1	23	1	ASTM F739	1	-
Cyclopentanone 99%	120-92-3	11	1	ASTM F739	NT	NA
Dichloromethane (Methylene Chloride) 99%	75-09-2	4	0	ASTM F739	NT	NA
Dichromate cleaning solution mixture	NA	480	6	ASTM F739	4	++
Diethylamine 98%	109-89-7	4	0	ASTM F739	NT	NA
Diglycidal ether of bisphenol 100%	25068-38-6	480	6	ASTM F739	NT	NA
Dimethylamine 35%	124-40-3	53	2	ASTM F739	NT	NA
Dimethylformamide 99%	68-12-2	8	0	ASTM F739	NT	NA
Dimethylsulfoxide 99%	67-68-5	181	4	ASTM F739	4	++
Epichlorohydrin 99%	106-89-8	4	0	ASTM F739	NT	NA
Ethanol 95%	64-17-5	21	1	ASTM F739	NT	NA
Ethyl lactate 95%	97-64-3	29	1	ASTM F739	NT	NA
Ethylene glycol 99%	107-21-1	480	6	ASTM F739	4	++
Formaldehyde 37%	50-00-0	480	6	EN 16523-1:2015	4	++
Hexamethyldisilazane (HMDS) 98%	999-97-3	18	1	ASTM F739	1	-
Hydrochloric acid 10%	7647-01-0	480	6	EN 374-3:2003	4	++
Hydrochloric acid 35%	7647-01-0	NT	NT		4	NA

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Hydrochloric acid 37%	7647-01-0	454	5	ASTM F739	4	++
Hydrofluoric Acid 10%	7664-39-3	480	6	EN 374-3:2003	4	++
Hydrofluoric Acid 40%	7664-39-3	480	6	EN 16523-1:2015	NT	NA
Hydrofluoric Acid 49%	7664-39-3	390	5	ASTM F739	NT	NA
Hydrogen peroxide 30%	7722-84-1	960	6	ASTM F739	4	++
Hydrotreated Light Naphthenic Distillate mixture	64742-53-6	161	4	ASTM F739	2	+
Kerosene mixture	8008-20-6	26	1	ASTM F739	1	-
KOH Etch mixture	NA	278	5	ASTM F739	4	++
KTI Pad Etch mixture	NA	480	6	ASTM F739	NT	NA
KTI Silicon Etch mixture	NA	480	6	ASTM F739	NT	NA
Methanesulfonic Acid 99%	75-75-2	NT	NT		4	NA
Methanol 85%	67-56-1	19	1	ASTM F739	4	+
Methanol 99%	67-56-1	NT	NT		4	NA
Methyl Amyl Ketone 98%	110-43-0	8	0	ASTM F739	1	-
Methyl Ethyl Ketone (2-Butanone) 99%	78-93-3	4	0	ASTM F739	3	=
Methyl-3-methoxypropionate 100%	3852-09-3	11	1	ASTM F739	3	=
n-hexane 95%	110-54-3	3	0	ASTM F739	1	-
N-methyl-2-Pyrrolidone 99%	872-50-4	50	2	ASTM F739	4	+
N-N dimethyl acetamide 99%	127-19-5	47	2	ASTM F739	NT	NA
Naphtha VM&P mixture	8032-32-4	2	0	ASTM F739	1	-
Nitric acid 10%	7697-37-2	840	6	ASTM F739	4	++
Nitric acid 20%	7697-37-2	480	6	ASTM F739	4	++
Nitric acid 40%	7697-37-2	480	6	ASTM F739	4	++
Nitric acid 50%	7697-37-2	NT	NT		4	NA
Nitric acid 68%	7697-37-2	299	5	EN 374-3:2003	4	++

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Nitric acid 70%	7697-37-2	307	5	ASTM F739	4	++
Nitric acid 90%	7697-37-2	7	0	ASTM F739	NT	NA
Nitride Etch mixture	NA	NT	NT		4	NA
Nitrohydrochloric acid (Aqua Regia) mixture	8007-56-5	480	6	ASTM F739	NT	NA
Phenol 85%	108-95-2	102	3	ASTM F739	4	++
Phosphoric acid 75%	7664-38-2	480	6	ASTM F739	4	++
Phosphoric acid 85%	7664-38-2	480	6	ASTM F739	4	++
Phosphorus oxychloride 99%	10025-87-3	15	1	ASTM F739	NT	NA
Piranha Etch mixture	NA	243	5	ASTM F739	1	-
Polyethylene glycol octylphenyl ether 100%	9002-93-1	480	6	ASTM F739	NT	NA
Potassium Hydroxide 50%	1310-58-3	480	6	ASTM F739	4	++
Potassium Hydroxide Etch mixture	NA	24	1	ASTM F739	NT	NA
Propylene Glycol 99%	57-55-6	480	6	ASTM F739	4	++
Propylene Glycol Methyl Ethyl Acetate (PGMEA) 99%	108-65-6	47	2	ASTM F739	3	+
Propylene Glycol Monomethyl Ether 99%	107-98-2	26	1	ASTM F739	4	+
Silicon tetrachloride 100%	10026-04-7	15	1	ASTM F739	NT	NA
Slope Etch mixture	NA	260	5	ASTM F739	4	++
Sodium hydroxide 20%	1310-73-2	780	6	ASTM F739	4	++
Sodium hydroxide 40%	1310-73-2	780	6	ASTM F739	4	++
Sodium hydroxide 50%	1310-73-2	780	6	ASTM F739	4	++
Sulfuric acid 10%	7664-93-9	900	6	ASTM F739	4	++
Sulfuric acid 96%	7664-93-9	102	3	ASTM F739	3	++
Tetrachloroethylene (Perchloroethylene) 99%	127-18-4	4	0	ASTM F739	1	-
Tetraethyl Orthosilicate 100%	78-10-4	25	1	ASTM F739	1	-

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Tetramethyl Ammonium Hydroxide 25%	75-59-2	480	6	ASTM F739	4	++
Thionylchloride 99%	7719-09-7	15	1	ASTM F739	NT	NA
Toluene 49% Methyl Isobutyl Ketone 34.5% Methyl Ethyl Ketone 16.5% mixture	NA	1	0	EN 374-3:2003	NT	NA
Toluene Diisocyanate (TDI) 80%	584-84-9	27	1	ASTM F739	NT	NA
Trichloroethylene 99%	79-01-6	NT	NT		1	NA
Trimethylphosphite 97%	121-45-9	10	0	ASTM F739	NT	NA
Unleaded gasoline mixture	8006-61-9	4	0	ASTM F739	1	-
Xylene 99%	1330-20-7	4	0	ASTM F739	1	-

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