



Chemical Compatibility Guide for: Best® N-Dex® Plus Gloves

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Chemical Tested	CAS Number	Concentration	ASTM F739 Permeation Resistance to Heavy Exposure Breakthrough Time in Minutes	Rate in $\mu\text{g}/\text{cm}^2$ / min	EN 374 Rating (0 to 6)	ASTM F1383 Permeation Resistance to Limited Exposure Breakthrough Time in Minutes	Rate in $\mu\text{g}/\text{cm}^2$ / min	EN 374 Rating (0 to 6)	5 Min.	30 Min.	60 Min.	240 Min.
Acetaldehyde	75-07-0	100%	NR	NR	0	6	105	0	>NR	NR	NR	NR
Acetic Acid	64-19-7	84%	NR	NR	0	NR	NR	0	>E	P	P	NR
Acetone	67-64-1	100%	NR	NR	0	6	53	0	>NR	NR	NR	NR
Acetonitrile	75-05-8	100%	7	21	0	15	32	1	>P	P	P	P
Acetoxyacetyl Chloride	13831-31-7	100%	15	291	2	30	198	2	>E	P	P	NR
Acrylamide	79-06-1	50%	>480	ND	6	>240	ND	5	>E	E	E	E
Acrylonitrile	107-13-1	100%	NR	NR	0	3	118	0	>NR	NR	NR	NR
Alkasol 27	90111-76-3	10%	>480	ND	6	>240	ND	5	>E	E	E	E
Allyl Alcohol	107-18-6	99%	NR	NR	0	16	27	1	>G	F	P	P
Alodine 1000 Solution	97631-99-6	1%	>480	ND	6	>240	ND	5	>E	E	E	E
Alodine 1200s Solution	93755-29-8	2%	>480	ND	6	>240	ND	5	>E	E	E	E
Ammonium Hydroxide	1336-21-6	29%	>480	ND	6	>240	ND	5	>E	E	E	E
Amyl Acetate	628-63-7	100%	NR	NR	0	11	161	1	>NR	NR	NR	NR
Amyl Alcohol	71-41-0	100%	72	27	3	149	3	4	>E	G	G	G
Aniline	62-53-3	100%	NR	NR	0	3	14	0	>G	NR	NR	NR
Antimony Tributyrate	53856-17-0	95%	>480	ND	6	>240	ND	5	>NT	NT	NT	NT
Battery Acid	7664-93-9	47%	>480	ND	6	>240	ND	5	>E	E	E	E
Benzaldehyde	100-52-7	100%	NR	NR	0	31	42	2	>NR	NR	NR	NR
Benzene	71-43-2	100%	2	409	0	3	206	0	>NR	NR	NR	NR
Benzyl Alcohol	100-51-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Blasocut 2000 Universal	98608-26-6	70%	>480	ND	6	>240	ND	5	>E	E	E	E
Blasocut 2000 Universal	98608-26-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Blasocut 4000	94742-52-7	100%	>480	ND	6	>240	ND	5	>E	E	E	E

Chemical Tested	CAS Number	Concentration	ASTM F739 Permeation Resistance to Heavy Exposure Breakthrough Time in Minutes	Rate in $\mu\text{g}/\text{cm}^2/min$	EN 374 Rating (0 to 6)	ASTM F1383 Permeation Resistance to Limited Exposure Breakthrough Time in Minutes	Rate in $\mu\text{g}/\text{cm}^2/min$	EN 374 Rating (0 to 6)	5 Min.	30 Min.	60 Min.	240 Min.
Bleach: Sodium Hypochlorite (4-6%)	7681-52-9	5%	>480	ND	6	>240	ND	5	>E	E	E	E
Bleach: Sodium Hypochlorite (4-6%)	7681-52-9	6%	>480	ND	6	>240	ND	5	>E	E	E	E
Boric Acid-sulfuric Acid	90043-35-4	6%	>480	ND	6	>240	ND	5	>E	E	E	E
Boric Acid-sulfuric Acid	90043-35-4	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Bromoethyl Acetate, 2-	927-68-4	100%	7	26	0	35	10	2	>NR	NR	NR	NR
Bromoform	75-25-2	100%	NR	NR	0	11	122	1	>F	NR	NR	NR
Burlin Mp 1793 Hydrocarbon Mixture	64742-48-9	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Butanol	71-36-3	100%	24	33	1	30	4	2	>E	E	G	G
Butoxypropanol	5131-66-8	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Butoxytriglycol	143-22-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Butyl Acetate	123-86-4	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Butyl Acrylate	141-32-2	100%	4	111	0	6	34	0	>NR	NR	NR	NR
Butyl Carbitol Solvent	112-34-5	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Butyl Cellosolve Acetate	112-07-2	100%	>480	ND	6	>240	ND	5	>E	E	G	G
Butyl Cellosolve Solvent	111-76-2	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Butyl Dipropasol Solvent	29911-28-2	100%	>480	ND	6	>240	ND	5	>E	E	E	E

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Butyl Toluene P-tert-	98-51-1	100%	20	402	1	>240	ND	5	>E	F	P	P
Butylamine	109-73-9	100%	NR	NR	0	NR	NR	0	>E	F	NR	NR
Caprinus U Multigrade Railroad Oil	66532-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Carbitol Acetate	112-15-2	100%	>480	ND	6	>240	ND	5	>E	E	E	F
Carbon Tetrachloride	56-23-5	100%	NR	NR	0	24	100	1	>F	NR	NR	NR
Cascade Columbia 3 Part A	90112-34-7	100%	138	210	4	NT	NT	NT	>F	P	NR	NR
Cellosolve Acetate	110-80-5	100%	NR	NR	0	9	179	0	>P	NR	NR	NR
Chevron Jet Fuel A	94742-80-1	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Chlorobenzene	108-90-7	100%	NR	NR	0	6	131	0	>NR	NR	NR	NR
Chloroform	67-66-3	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Chromic Acid	1333-82-0	50%	>480	ND	6	>240	ND	5	>E	E	E	E
Citra-safe Deodorizer	95989-27-5	100%	25	122	1	NT	NT	NT	>F	P	P	P
Citric Acid	77-92-9	30%	>480	ND	6	>240	ND	5	>E	E	E	E
Citrus Terpenes Mixture	68956-56-9	100%	259	7	5	>240	ND	5	>E	P	P	NR
Cresols	1319-77-3	100%	NR	NR	0	NR	NR	0	>P	NR	NR	NR
Cumene	98-82-8	100%	9	48	0	14	18	1	>NR	NR	NR	NR
Cyclohexane	110-82-7	100%	38	11	2	>240	ND	5	>E	E	E	E
Cyclohexanol	108-93-0	100%	275	1	5	>240	ND	5	>E	E	E	G
Cyclohexanone	108-94-1	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Daraclean 282	90112-34-9	100%	>480	ND	6	>240	ND	5	>E	E	E	G
Desoclean 45 Mixture	90067-63-1	50%	3	704	0	NT	NT	NT	>P	NR	NR	NR

Chemical Tested	CAS Number	Concentration	ASTM F739 Permeation Resistance to Heavy Exposure Breakthrough Time in Minutes	Rate in µg/cm2/ min	EN 374 Rating (0 to 6)	ASTM F1383 Permeation Resistance to Limited Exposure Breakthrough Time in Minutes	Rate in µg/cm2/ min	EN 374 Rating (0 to 6)	5 Min.	30 Min.	60 Min.	240 Min.
Desoclean 45 Mixture	90067-63-1	100%	3	704	0	NT	NT	NT	>P	NR	NR	NR
Di-isobutyl Ketone	108-83-8	100%	74	21	3	>240	ND	5	>E	E	E	E
Dibutyl Phthalate N-	84-74-2	100%	>480	ND	6	>240	ND	5	>G	F	P	NR
Dichlorobenzene O-	95-50-1	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Dichloroethane 1,2-	107-06-2	100%	NR	NR	0	15	84	1	>NR	NR	NR	NR
Diesel Fuel	77650-28-3	100%	88	29	3	>240	ND	5	>E	E	G	G
Diethanolamine	111-42-2	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Diethylamine	109-89-7	100%	NR	NR	0	10	123	1	>P	P	P	NR
Diethylene Glycol	111-46-6	99%	>480	ND	6	>240	ND	5	>E	G	G	G
Diethylene Glycol Monomethyl Ether	111-77-3	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Diethylene Glycol Monopropyl Ether	6881-94-3	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Dimethyl Formamide	68-12-2	100%	NR	NR	0	9	8	0	>NR	NR	NR	NR
Dimethyl Sulfate	77-78-1	100%	30	99	2	40	74	2	>G	F	P	NR
Dimethylacetamide N,n-	127-19-5	100%	9	19	0	>240	ND	5	>NR	NR	NR	NR
Dimethylsulfoxide	67-68-5	100%	>480	ND	6	>240	ND	5	>E	G	F	P
Dinitrol Av30 Spray	94894-36-1	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Dinitrol Av8 Mod	94742-48-1	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Dinitrotoluene (40% In Roh)	121-14-2	40%	NR	NR	0	21	79	1	>P	NR	NR	NR
Dioxane 1,4-	123-91-1	100%	7	391	0	14	106	1	>NR	NR	NR	NR
Divinyl Benzene	1321-74-0	100%	NR	NR	0	66	44	3	>G	P	NR	NR
Donax Tg Transmission Fluid	60486-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E

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Dowtherm, Biphenyl	92-52-4	27%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Dubl-chek Penetrant Mixture	68131-40-8	100%	>480	ND	6	>240	ND	5	>E	E	E	G
Ethanol	64-17-5	100%	24	32	1	>240	ND	5	>E	E	E	G
Ethanolamine	141-43-5	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Ethoxytriglycol	112-50-5	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Ethyl Acetate	141-78-6	100%	NR	NR	0	14	81	1	>NR	NR	NR	NR
Ethyl Benzene	100-41-4	100%	2	364	0	4	59	0	>NR	NR	NR	NR
Ethyl Butanol	97-95-0	100%	NR	NR	0	11	122	1	>G	NR	NR	NR
Ethyl Ether	60-29-7	100%	2	364	0	3	59	0	>G	G	G	G
Ethylene Glycol	107-21-1	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Ethylene Glycol Monohexyl Ether	112-25-4	100%	82	10	3	>240	ND	5	>E	E	E	E
Ethylenediamine	107-15-3	99%	120	9	4	>240	ND	5	>E	G	G	G
Fcc-55	90108-10-2	100%	6	247	0	NT	NT	NT	>NR	NR	NR	NR
Fluoboric Acid	16872-11-0	49%	>480	ND	6	>240	ND	5	>E	E	E	E
Formaldehyde	50-00-0	37%	>480	ND	6	>240	ND	5	>E	E	E	E
Formic Acid	64-18-6	90%	NR	NR	0	30	220	2	>G	NR	NR	NR
Freon 113	76-13-1	100%	12	15	1	>240	ND	5	>E	G	P	P
Furfural	98-01-1	100%	NR	NR	0	9	4	0	>P	NR	NR	NR
Gasoline (unleaded)	8006-61-9	100%	NR	NR	0	20	375	1	>E	G	P	NR
Glutaraldehyde	111-30-8	50%	>480	ND	6	>240	ND	5	>E	E	E	E
Heptane	142-82-5	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Hexane	110-54-3	100%	20	51	1	85	0.21	3	>E	E	E	E
Hexene	592-41-6	100%	NR	NR	0	NR	NR	0	>G	F	NR	NR
Hexyl Carbitol Solvent	112-59-4	100%	>480	ND	6	>240	ND	5	>E	E	E	E

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Huntsman Dimethylcyclohexyl Amine	98-94-2	100%	15	555	1	NT	NT	NT	>NT	NT	NT	NT
Huntsman Dimethylpiperazine	106-58-1	100%	30	369	2	NT	NT	NT	>NT	NT	NT	NT
Huntsman Jeffcat Dmdee	6425-39-4	100%	15	96	1	NT	NT	NT	>NT	NT	NT	NT
Huntsman Methylmorpholine	7529-22-8	65%	453	15	5	>240	ND	5	>NT	NT	NT	NT
Hydrazine Hydrate	302-01-2	85%	>480	ND	6	>240	ND	5	>E	E	E	G
Hydrochloric Acid	7647-01-0	10%	>480	ND	6	>240	ND	5	>E	E	E	E
Hydrochloric Acid	7647-01-0	37%	>480	ND	6	>240	ND	5	>E	E	E	E
Hydrofluoric Acid	7664-39-3	48%	45	7	2	50	3	2	>E	G	P	NR
Hydrogen Peroxide	7722-84-1	30%	>480	ND	6	>240	ND	5	>E	E	E	E
Iso Amyl Acetate	123-92-2	100%	3	149	0	7	61	0	>G	F	P	NR
Iso Amyl Alcohol	123-51-3	100%	5	149	0	6	61	0	>G	F	F	P
Iso-butanol	78-83-1	100%	NR	NR	0	70	0.43	3	>E	F	P	P
Iso-octane	540-84-1	100%	389	0.21	5	>240	ND	5	>E	E	E	G
Isopropyl Acetate	108-21-4	98%	5	345	0	10	55	1	>NR	NR	NR	NR
Isopropyl Alcohol	67-63-0	100%	11	138	1	>240	ND	5	>E	E	E	E
Jet Fuel Jp-4	94742-47-9	100%	33	143	2	NT	NT	NT	>E	E	G	NR
Jet Fuel Jp-8	98008-20-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Kerosene	8008-20-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Limonene D-	5989-27-5	100%	31	102	2	>240	ND	5	>E	G	F	F
Madrella P 150 Oil	56930-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Mek/sba	90078-92-3	100%	7	383	0	NT	NT	NT	>NR	NR	NR	NR
Methanol	67-56-1	100%	7	150	0	13	29	1	>E	G	G	F
Methoxytriglycol	112-35-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Methyl Acetate	79-20-9	100%	3	132	0	3	122	0	>E	E	P	P

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Methyl Ethyl Ketone	78-93-3	100%	NR	NR	0	5	126	0	>NR	NR	NR	NR
Methyl Ethyl Ketoxime	96-29-7	100%	76	35	3	NT	NT	NT	>E	G	G	NR
Methyl Iodide	74-88-4	100%	NR	NR	0	2	391	0	>E	F	NR	NR
Methyl Isobutyl Ketone	108-10-1	100%	NR	NR	0	15	65	1	>NR	NR	NR	NR
Methyl Isobutyl Ketoxime	105-44-2	100%	>480	ND	6	>240	ND	5	>NT	NT	NT	NT
Methyl Methacrylate	80-62-6	100%	NR	NR	0	9	143	0	>NR	NR	NR	NR
Methyl Propasol Solvent	107-98-2	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Methyl Propyl Ketone	107-87-9	100%	3	277	0	NT	NT	NT	>NR	NR	NR	NR
Methyl Pyrrolidone N-	872-50-4	100%	NR	NR	0	24	102	1	>NR	NR	NR	NR
Methylamine	74-89-5	100%	>480	ND	6	>240	ND	5	>E	E	E	G
Methylene Chloride	75-09-2	100%	NR	NR	0	4	186	0	>NR	NR	NR	NR
Methylenedianiline 4,4- (190 C)	101-77-9	100%	18	52	1	>240	ND	5	>E	G	F	P
Microcut 26	98330-12-9	100%	>480	ND	6	>240	ND	5	>E	E	G	F
Mineral Spirits	64475-85-0	100%	69	77	3	3	1	0	>E	E	G	F
Morpholine	110-91-8	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Muriatic Acid (10% Hcl)	1/1/7647	10%	>480	ND	6	>240	ND	5	>E	E	E	E
Naphtha	8032-32-4	100%	39	14	2	>240	ND	5	>E	E	E	E
Nitric Acid	7697-37-1	23%	>480	ND	6	>240	ND	5	>E	E	E	E
Nitric Acid	7697-37-2	23%	>480	ND	6	>240	ND	5	>E	E	E	E

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Nitric Acid	7697-37-2	70%	NR	NR	0	NR	NR	0	>G	P	NR	NR
Nitric/hydrofluoric Pickling Solution	97697-37-4	50%	>480	ND	6	>240	ND	5	>E	G	G	G
Nitrobenzene	98-95-3	100%	NR	NR	0	9	8	0	>NR	NR	NR	NR
Nitromethane	75-52-5	100%	3	257	0	5	156	0	>F	P	P	P
Nitropropane	79-46-9	100%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Nycote 7-11 Mixture	90064-17-7	100%	5	196	0	NT	NT	NT	>P	NR	NR	NR
Octanol N-	111-87-5	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Oleic Acid	112-80-1	98%	>480	ND	6	>240	ND	5	>E	E	E	E
Oxybisbenzene, 1,1- (dowtherm)	101-84-8	73%	NR	NR	0	NR	NR	0	>NR	NR	NR	NR
Pentane	109-66-0	100%	21	20	1	59	3	2	>E	E	E	E
Perchloroethylene	127-18-4	100%	9	286	0	11	50	1	>E	E	E	E
Phenol	108-95-2	100%	8	44	0	10	39	1	>NR	NR	NR	NR
Phosphoric Acid	7664-38-2	85%	>480	ND	6	>240	ND	5	>E	E	E	E
Potassium Hydroxide	1310-58-3	45%	>480	ND	6	>240	ND	5	>E	E	E	E
Propanediamine, N,n'-dimethyl	109-55-7	100%	15	555	1	NT	NT	NT	>NT	NT	NT	NT
Propanol N-	71-23-8	100%	15	29	1	48	17	2	>G	F	P	P
Propoxypropanol	1569-01-3	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Propyl Acetate	109-60-4	100%	7	483	0	15	141	1	>E	G	F	P
Propyl Cellosolve N-	2807-30-9	100%	25	196	1	35	16	2	>E	E	E	E
Propylene Glycol	57-55-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Propylene Oxide	75-56-9	100%	NR	NR	0	7	192	0	>NR	NR	NR	NR
Pseudocumene	95-63-6	98%	13	150	1	84	34	3	>P	NR	NR	NR
Pyridine	7291-22-7	100%	NR	NR	0	6	212	0	>P	NR	NR	NR

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Roundup (concentrated)	1071-83-6	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Safrotin	31218-83-4	50%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Aeroshell Grease 22	56280-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Alvania Grease 3	57120-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Diala Oil Ax Base Oil	60030-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Fire & Ice 2000 10w Oil	60015-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Hvi 100 Neutral Mq	63050-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Rotella T Multi 15w Oil	71630-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Spirax S 85w- 140 Oil	86404-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shell Turbo T 68 Hydraulic Fluid	60220-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Shellwax 100	8210-00-0	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Skydrol 500 B-4	126-73-8	100%	>480	ND	6	>240	ND	5	>F	NR	NR	NR
Skydrol Ld-4 Hydraulic Fluid	2528-36-1	100%	31	0.02	2	NT	NT	NT	>F	NR	NR	NR
Sodium Hydroxide	1310-73-2	50%	>480	ND	6	>240	ND	5	>E	E	E	E
Stoddard Solvent	8052-41-3	100%	>480	ND	6	>240	ND	5	>E	E	E	E
Styrene	100-42-5	100%	NR	NR	0	6	215	0	>NR	NR	NR	NR
Sulfuric Acid	7664-93-9	47%	>480	ND	6	>240	ND	5	>E	E	E	E
Sulfuric Acid	7664-93-9	97%	NR	NR	0	NR	NR	0	>G	P	NR	NR
Tetrahydrofuran	109-99-9	100%	NR	NR	0	7	91	0	>NR	NR	NR	NR
Toluene	108-88-3	100%	NR	NR	0	5	118	0	>NR	NR	NR	NR

Chemical Tested	CAS Number	Concentration	ASTM F739 Permiation Resistance to Heavy Exposure Breakthrough Time in Minutes	Rate in µg/cm2/ min	EN 374 Rating (0 to 6)	ASTM F1383 Permiation Resistance to Limited Exposure Breakthrough Time in Minutes	Rate in µg/cm2/ min	EN 374 Rating (0 to 6)	5 Min.	30 Min.	60 Min.	240 Min.
Toluene/mek Mixture (65:3 Ratio)	90108-88-5	65%	7	197	0	NT	NT	NT	>NR	NR	NR	NR
Toluidine,o-	95-53-4	100%	NR	NR	0	14	0.66	1	>G	P	NR	NR
Trichlorobenzene 1,2,4-	120-82-1	100%	NR	NR	0	14	21	1	>NR	NR	NR	NR
Trichloroethane 1,1,1-	71-55-6	100%	NR	NR	0	8	37	0	>NR	NR	NR	NR
Trichloroethylene	79-01-6	100%	NR	NR	0	11	148	1	>NR	NR	NR	NR
Tricresyl Phosphate	1330-78-5	100%	>480	ND	6	>240	ND	5	>E	E	G	P
Turco 5351 Mixture	90075-09-4	100%	5	338	0	NT	NT	NT	>F	NR	NR	NR
Turco 6709	90107-98-4	100%	34	72	2	NT	NT	NT	>G	F	P	P
Turpentine	8006-64-2	100%	58	239	2	63	169	3	>E	E	E	G
Ucon Quenchant A- ro Mixture	97632-00-0	55%	>480	ND	6	>240	ND	5	>E	E	E	E
Urethane Catalyst Alkanol	83016-70-0	100%	15	30	1	NT	NT	NT	>NT	NT	NT	NT
Vegetable Oil	8001-30-7	100%	NT	NT	6	NT	NT	NT	>E	E	E	E
Vinyl Acetate	108-05-4	100%	5	141	0	14	106	1	>NR	NR	NR	NR
Vinylidene Choride	75-35-4	100%	NR	NR	0	6	44	0	>P	NR	NR	NR
Xylene	1330-20-7	100%	5	203	0	11	121	1	>NR	NR	NR	NR

EN 374 RATINGS

Rating	Description
0	10 minutes breakthrough time; Dangerous selection.
1	> 10 minutes breakthrough time; Very poor; Splashes only; Change quickly.
2	> 30 minutes breakthrough time; Poor choice; Change quickly when exposed.
3	> 60 minutes breakthrough time; Sometimes satisfactory; Change soon after exposure.
4	> 120 minutes breakthrough time; Good selection; Change after two hours.
5	> 240 minutes breakthrough time; Next best selection; Change after four hours.
6	> 480 minutes breakthrough time; Safest best selection with high rating attainable.

Cut Resistance Ratings

Rating	Description
0	< 200 grams of weight needed to cut through material with 25 mm of blade travel
1	> 200 grams of weight needed to cut through material with 25 mm of blade travel
2	> 500 grams of weight needed to cut through material with 25 mm of blade travel
3	> 1000 grams of weight needed to cut through material with 25 mm of blade travel
4	> 1500 grams of weight needed to cut through material with 25 mm of blade travel
5	> 3000 grams of weight needed to cut through material with 25 mm of blade travel

Degradation is the physical change in a glove after chemical exposure. Typical effects may be swelling, wrinkling, deterioration, or delamination. There are no accepted standards for measuring degradation. Best degradation testing is based on a protocol considered by the ASTM F23 Protective Clothing Committee. One side of the glove material is exposed to the test chemical for four hours. The percent weight change is measured at four time intervals: 5, 30, 60 and 240 minutes. The gravimetric ratings are ranked as shown below.

Key	Rating	Weight Change
E	Excellent	0-10%
G	Good	11-20%
F	Fair	21-30%
P	Poor	31-50%
NR	Not Recommended	Above 50%

Where degradation rating is poor (P) or not recommended (NR) after 60 minutes, the material is not tested for permeation resistance. Permeation results are listed as not recommended (NR) because of severe degradation. **WARNING:** Weight change is only our measure of degradation and does not account for certain physical changes such as hardening of PVC.