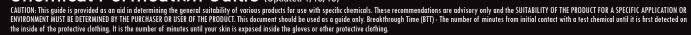
		EN 374		EN 374		EN 374	<b>%</b> :	EN 374 AJK		EN 374 ABK	<u>k</u>	AJKL	*	EN 374		EN 374 ABK		EN 374		EN 374 ABK		EN 374 ABK	
PROTECTIVE INDUSTRIAL I	PRUDUCIS	50-N2	2272G	50-N2	2250G	50-N	1160	50-l	N140	50-N	110G	50-N	092B	47-	L442	48-I	.212Y	48-	L185	47-L	170Y	47-	1171
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
1,1,2,2-Tetrachloroethane	79-34-5	31	2	31	2	14	- 1																
1-Methoxy-2-propylacetate	108-65-6					84	3																
2-Butanone (MEK)	78-93-3	15	1	15	1	9																	
2-Butoxyethanol	111-76-2	>480	6	>480	6	>480	6																
2-Ethoxyethanol	110-80-5	247	5	247	5	166	4																
2-Ethoxyethyl acetate	111-15-9					92	3																
2-Nitropropane	79-46-9																						
2-Pentanone	107-87-9	22	1	22	- 1	11	- 1																
Acetaldehyde	75-07-0																						
Acetic acid, 10%	64-19-7							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Acetic acid, 20%	64-19-7							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Acetic acid, 25%	64-19-7	>480	6	>480	6			>480	6	>480	6	>480	6	>480	6	>480	6	270	5	>480	6	>480	6
Acetic acid, 99%	64-19-7																						
Acetic acid, glacial	64-19-7	160	4	160	4	66	3	125	4	60	3	30	2	>480	6	170	4	35	2	10	- 1	10	- 1
Acetone	67-64-1	0	0	0	0	6	0				2						2				2		2
Acetonitrile	75-05-8	4	0	4	0	12	1																
Acrylic acid	79-10-7					104	3																
Allyl alcohol	107-18-6					51	2																
Ammonia	7664-41-7																						
Ammonium Fluoride, 40%	12125-01-8																						
Ammonium hydroxide	1336-21-6					328	5																
Ammonium hydroxide, 25%	1336-21-6							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Amyl alcohol	71-41-0					>480	6																
Aniline (and homologs)	62-53-3																						
Aqua Regia	8007-56-5																						
Benzaldehyde, 99%	100-52-7																						
Benzine	101316-46-5					>480	6																
Butyrolactone, 99%	96-48-0																						
Carbon disulfide	75-15-0	22	1	22	1	12	1																
Carbon tetrachloride	56-23-5	_		-		-																	
Chlorine	7782-50-5					>480	6																
Chromic acid and chromates, 50%	1333-82-0 (CrO3)					>480	6																
Cirtic Acid, 10%	77-92-9					- 100	•																
Cyclohexane	110-82-7	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	75	3					10	1	10	1
Cyclohexanol	108-93-0	>480	6	>480	6	>480	6	~ <del>1</del> 00	U	~ TOU	- 0	~ 40U	0	13	J					10		10	
Cyclohexanone			3					23	1	18	1	10	1	254	5					10	1	10	1
	108-94-1	92		92	3	52	2	23	1	10		10		256	,					10		10	
Diacetone alcohol	123-42-2	164	4	164	4																		
Dibutyl phthalate	84-74-2	>480	6	>480	6																		











### PROTECTIVE INDUSTRIAL PRODUCTS 58-8658D 58-8658K 57-8643R 52-3670 52-3665 50-N2420GY 56-630 56-635 58-8657 57-8653R 57-8657R CHEMICAL CAS# BTT INDEX BTT INDEX BTT INDEX INDEX BTT 1.1.2.2-Tetrachloroethane 79-34-5 1-Methoxy-2-propylacetate 108-65-6 2-Butanone (MEK) 78-93-3 <3 25 63 2-Butoxyethanol 111-76-2 2-Ethoxyethanol 110-80-5 58 111-15-9 14 37 2-Ethoxyethyl acetate 2-Nitropropane 79-46-9 12 26 2-Pentanone 107-87-9 Acetaldehyde 75-07-0 3 >480 Acetic acid, 10% 64-19-7 Acetic acid, 20% 64-19-7 >480 64-19-7 >480 Acetic acid, 25% Acetic acid, 99% 64-19-7 55 152 Acetic acid, glacial 64-19-7 100 3 60 60 3 Acetone 67-64-1 9 11 75-05-8 25 15 10 10 Acetonitrile Acrylic acid 79-10-7 44 66 3 Allyl alcohol 107-18-6 7664-41-7 10 10 Ammonia >480 >480 12125-01-8 Ammonium Fluoride, 40% Ammonium hydroxide 1336-21-6 30 >440 0 0 Ammonium hydroxide, 25% 1336-21-6 >480 71-41-0 Amyl alcohol 61 69 Aniline (and homologs) 62-53-3 3 3 Aqua Regia 8007-56-5 >480 >480 19 Benzaldehyde, 99% 100-52-7 101316-46-5 Benzine Butyrolactone, 99% 96-48-0 170 Carbon disulfide 75-15-0 <3 12 56-23-5 Carbon tetrachloride Chlorine 7782-50-5 Chromic acid and chromates, 50% 1333-82-0 (CrO3) 15 120 120 Cirtic Acid, 10% 77-92-9 >480 >480 240 240 Cyclohexane 110-82-7 10

### Chemical Permeation Guide (Updated 1/18/13)

108-93-0

108-94-1

123-42-2

84-74-2

Cyclohexanol Cyclohexanone

Diacetone alcohol

Dibutyl phthalate

146

84

>480



3

10

60

60

3

392

96

>480



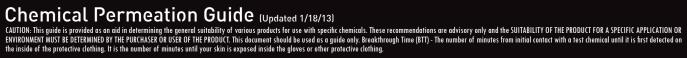






# EN 374

PROTECTIVE INDUSTRIAL	PRODUCTS	57-8	8615	57-8	630R	57-8	8630	57-8	640R	57-86	645R	57-8	8645	57-8	3675								
CHEMICAL	CAS#	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
1,1,2,2-Tetrachloroethane	79-34-5																						
1-Methoxy-2-propylacetate	108-65-6																						
2-Butanone (MEK)	78-93-3																						
2-Butoxyethanol	111-76-2																						
2-Ethoxyethanol	110-80-5																						
2-Ethoxyethyl acetate	111-15-9																						
2-Nitropropane	79-46-9																						
2-Pentanone	107-87-9																						
Acetaldehyde	75-07-0																						
Acetic acid, 10%	64-19-7																						
Acetic acid, 20%	64-19-7																						
Acetic acid, 25%	64-19-7																						
Acetic acid, 99%	64-19-7																						
Acetic acid, glacial	64-19-7																						
Acetone	67-64-1																						
Acetonitrile	75-05-8																						
Acrylic acid	79-10-7																						
Allyl alcohol	107-18-6																						
Ammonia	7664-41-7																						
Ammonium Fluoride, 40%	12125-01-8																						
Ammonium hydroxide	1336-21-6																						
Ammonium hydroxide, 25%	1336-21-6																						
Amyl alcohol	71-41-0																						
Aniline (and homologs)	62-53-3																						
Aqua Regia	8007-56-5																						
Benzaldehyde, 99%	100-52-7																						
Benzine	101316-46-5																						
Butyrolactone, 99%	96-48-0																						
Carbon disulfide	75-15-0																						
Carbon tetrachloride	56-23-5																						
Chlorine	7782-50-5																						
Chromic acid and chromates, 50%	1333-82-0 (CrO3)																						
Cirtic Acid, 10%	77-92-9																						
Cyclohexane	110-82-7																						
Cyclohexanol	108-93-0																						
Cyclohexanone	108-94-1																						
Diacetone alcohol	123-42-2																						
Dibutyl phthalate	84-74-2																						











PROTECTIVE INDUSTRIAL P	прапиетс	EN 374		EN 374		EN 374	<b>%</b> :	EN 374 AJK	<b>A</b> :	EN 374 ABK	A.	AJKL		EN 374 AKL		EN 374 ABK		EN 374		EN 374 ABK		EN 374	
Phoieciive indusinial P	מוטטעטוז	50-N2	2272G	50-N2	2250G	50-1	1160	50-l	N140	50-N	110G	50-N	092B	47-	-L442	48-1	212Y	48-	L185	47-	L170Y	47-	L171
CHEMICAL	CAS#	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Diesel Fuel						>480	6		6		6												
Diethylamine	109-89-7	23	1	23	1																		
Dietylene glycol	111-46-6					>480	6																
Diisobutyl ketone	108-83-8					>247	5																
Dimethyl acetamide	127-19-5	46	2	46	2	29	1																
Dimethylformamide	68-12-2																						
Dimetyl Sulphoxide	67-68-5					50	2																
Dioxane	123-91-1																						
Di-sec octyl phthalate	117-81-7																						
Epichlorohydrin	106-89-8																						
Ethanolamine	141-43-5	>480	6	>480	6																		
Ethidium bromide, 10%	1239-45-8																						
Ethyl acetate	141-78-6	20	1	20	1	13	- 1							72	3								
Ethyl alcohol	64-17-5	>480	6	>480	6	380	5	320	5	49	2	22	1	>480	6	>480	6	>480	6	>480	6	>480	6
Ethyl ether	60-29-7	21	1	21	1	32	2																
Ethyl Lactate	687-48-8	>480	6	>480	6													350	5				
Ethylamine .	75-04-7					31	2																
Ethylene glycol	107-21-1	>480	6	>480	6	>480	6																
Formaldehyde, 37%	50-00-0					>480	6																
Formaldehyde, 99%	50-00-0																						
Formic acid	64-18-6																						
Freon	76-13-1																						
Furfural	98-01-1																						
Gasoline	8006-61-9					413	5																
Gasoline, white		>480	6	>480	6																		
Glutaraldehyde, 25%	111-30-8																						
Glutaraldehyde, 50%	111-30-8					>480	6																
Hexamethyldisilazane	999-97-3																						
Hexone	108-10-1																						
Hydrazene, 60%	7803-57-8					>480	6																
Hydrazine, 60%	302-01-2	>480	6	>480	6																		
Hydrazine, 65%	302-01-2																						
Hydrogen chloride	7647-01-0	>480	6	>480	6	>480	6																
Hydrogen chloride, 10%	7647-01-0	- 100		- 100		- 100		>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Hydrogen chloride, 37%	7647-01-0							75	3	30	2	10		210	4	65	3	125		7400	U	~ 40U	U
						100		13	3	30	Z	10	1	210	4	00	3	123	3				
Hydrogen fluoride	7664-39-3					190	4																
Hydrogen fluoride, 48%	7664-39-3																						
Hydrogen fluoride, 73%	7664-39-3																						



10 MINUTES

2 >30 MINUTES





### PROTECTIVE INDUSTRIAL PRODUCTS 58-8658D 58-8658K 52-3670 52-3665 50-N2420GY 56-630 56-635 58-8657 57-8643R 57-8653R 57-8657R CHEMICAL CAS# BTT INDEX Diesel Fuel Diethylamine 109-89-7 10 10 111-46-6 Dietylene glycol 108-83-8 23 60 Diisobutyl ketone 60 Dimethyl acetamide 127-19-5 36 30 30 Dimethylformamide 68-12-2 40 38 10 10 Dimetyl Sulphoxide 67-68-5 243 Dioxane 123-91-1 18 Di-sec octyl phthalate 117-81-7 >480 >480 Epichlorohydrin 106-89-8 15 Ethanolamine 141-43-5 >480 Ethidium bromide, 10% 1239-45-8 >480 >480 Ethyl acetate 141-78-6 6 10 0 0 Ethyl alcohol 64-17-5 73 3 >480 Ethyl ether <3 10 10 60-29-7 Ethyl Lactate 687-48-8 Ethylamine 75-04-7 >480 107-21-1 Ethylene glycol Formaldehyde, 37% 50-00-0 Formaldehyde, 99% 50-00-0 >480 64-18-6 250 >480 60 3 60 3 Formic acid Freon 76-13-1 160 Furfural 98-01-1 19 35 8006-61-9 Gasoline Gasoline, white Glutaraldehyde, 25% >480 >480 111-30-8 Glutaraldehyde, 50% 111-30-8 Hexamethyldisilazane 999-97-3 38 153 Hexone 108-10-1 10 10 Hydrazene, 60% 7803-57-8 302-01-2 Hydrazine, 60% Hydrazine, 65% 302-01-2 205 Hydrogen chloride 7647-01-0 Hydrogen chloride, 10% >480 >480 >480 7647-01-0 >480 >480 >480 >480 Hydrogen chloride, 37% 7647-01-0 25 >480 100 240 240 3 Hydrogen fluoride 7664-39-3

## Chemical Permeation Guide (Updated 1/18/13)

7664-39-3

7664-39-3

>480

Hydrogen fluoride, 48%

Hydrogen fluoride, 73%



>480









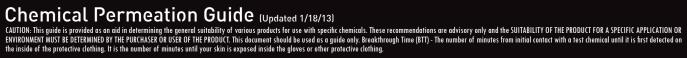
120

10

120

# EN 374

PROTECTIVE INDUSTRIAL	PRODUCTS	57-	8615	57-8	630R	57-	8630	57-8	3640R	57-86	645R	57-8	8645	57-	8675								
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Diesel Fuel																							
Diethylamine	109-89-7																						
Dietylene glycol	111-46-6																						
Diisobutyl ketone	108-83-8																						
Dimethyl acetamide	127-19-5																						
Dimethylformamide	68-12-2																						
Dimetyl Sulphoxide	67-68-5																						
Dioxane	123-91-1																						
Di-sec octyl phthalate	117-81-7																						
Epichlorohydrin	106-89-8																						
Ethanolamine	141-43-5																						
Ethidium bromide, 10%	1239-45-8																						
Ethyl acetate	141-78-6																						
Ethyl alcohol	64-17-5																						
Ethyl ether	60-29-7																						
Ethyl Lactate	687-48-8																						
Ethylamine	75-04-7																						
Ethylene glycol	107-21-1																						
Formaldehyde, 37%	50-00-0																						
Formaldehyde, 99%	50-00-0																						
Formic acid	64-18-6																						
Freon	76-13-1																						
Furfural	98-01-1																						
Gasoline	8006-61-9																						
Gasoline, white																							
Glutaraldehyde, 25%	111-30-8																						
Glutaraldehyde, 50%	111-30-8																						
Hexamethyldisilazane	999-97-3																						
Hexone	108-10-1																						
Hydrazene, 60%	7803-57-8																						
Hydrazine, 60%	302-01-2																						
Hydrazine, 65%	302-01-2																						
Hydrogen chloride	7647-01-0																						
Hydrogen chloride, 10%	7647-01-0																						
Hydrogen chloride, 37%	7647-01-0																						
Hydrogen fluoride	7664-39-3																						
Hydrogen fluoride, 48%	7664-39-3																						
Hydrogen fluoride, 73%	7664-39-3																						



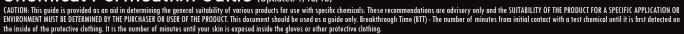








		AJK		AJK		EN 374 AJK	<b>%</b> :	EN 374	<b>A</b> :	EN 374 ABK	A.	EN 374 AJKL	A.	EN 374 AKL		EN 374 ABK		EN 374		EN 374 ABK		ABK	
PROTECTIVE INDUSTRIAL I	PRODUCIS	50-N2	2272G	50-N2	2250G	50-1	1160	50-	N140	50-N	1110G	50-N	1092B	47-	L442	48-	L212Y	48-	L185	47-	170Y	47-	1171
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Hydrogen peroxide, 30%	7722-84-1					>480	6																
Hydroquinone	123-31-9																						
Isobutyl alcohol	78-83-1																						
Iso-octane	540-84-1					>480	6																
Isopropyl alcohol	67-63-0	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Kerosene	8008-20-6					>480	6		6		6												
Lactic acid, 85%	598-82-3	>480	6	>480	6	>480	6																
Lauric acid, 36% in ethanol	143-07-7	219	4	219	4																		
Maleic acid, saturated	110-16-7	>480	6	>480	6	>480	6																
Methyl alcohol	67-56-1	40	2	40	2	68	3	65	3	22	1	21	- 1	32	2	20	1	45	2	15	1	15	- 1
Methyl Cellosolve®	109-86-4																						
Methyl chloroform	71-55-6	44	2	44	2	27	1																
Methyl methacrylate	80-62-6					22	1																
Methyl tert-butyl ether	1634-04-4					370	5																
Methylamine	74-89-5										1												
Methylamine 40%	74-89-5																						
Methylene chloride	75-09-2	2	0	2	0	3	0																
Mineral Oil/liquid paraffin		-				>480	6																
n-Amyl acetate	628-63-7					77	3																
Naphtha (coal tar)	8030-30-6					311	5																
Naphtha (Petroleum)	64742-48-9	>480	6	>480	6	>480	6																
n-Butyl acetate	123-86-4	33	2	33	2	57	2																
n-Butyl alcohol	71-36-3	>480	6	>480	6	>480	6	>480	6	350	5	130	4										
n-Heptan	142-85-5							>480	6														
n-Heptane	142-82-5	>480	6	>480	6	>480	6	>480	6	45	2	35	2	53	2								
n-Hexane	110-54-3	>480	6	>480	6	>480	6	>480	6	>480	6	260	5	50	2								
Nitric acid, 10%	7697-37-2	~ 100	- U	~ 100	J	~ 100	0	>480	6	>480	6	>480	6	>480	6	>480	6	>480	4	>480	6	>480	6
Nitric acid, 40%	7697-37-2	>480	6	>480	6	>480	6	350	5	270	5	200	4	>480	6	>480	4	>480	4	>480	6	>480	6
Nitric acid, 70%	7697-37-2	7 700	U	7 700	U	700	U	3,00	,	270	,	200	7	/ 100	0	~ TUU	U	~ TUU	U	700	U	7 700	U
Nitrobenzene	98-95-3					336	5																
Nitromethane	75-52-5					330	,																
n-Pentane	109-66-0	<b>/</b> 0	0	<b>/</b> 0	2	14	,							7.5	0								
n-Propyl acetate	109-60-4	68	3	68	3	14	1	_ 400		\ 100	,	L 100		75	3	\ 100		> 400		\ 100		L 400	,
n-Propyl alcohol	71-23-8							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
n-Undecane	1120-21-4					>480	6																
Octyl alcohol	111-87-5	>480	6	>480	6	>480	6																
Oleic Acid	112-80-1																						
Oxalic acid, 12.5%	144-62-7																						























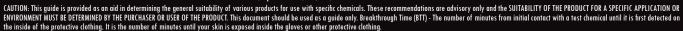








PROTECTIVE INDUSTRIAL I			de	AIL			1000	AIL		ARL				VIV. 111.00		" III			Lago	- 1	18		
		52-3	3670	52-	3665	50-N2	420GY	56-	630	56-	-635	58-8	657	58-8658	D	58-8	658K	57-8	8643R	57-	8653R	57-8	8657R
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT IN	IDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Hydrogen peroxide, 30%	7722-84-1	>480	6	>480	6			>480	6	>480	6												
Hydroquinone	123-31-9			>480	6																		
Isobutyl alcohol	78-83-1	45	2	183	4																		
Iso-octane	540-84-1	17	1	92	3																		
Isopropyl alcohol	67-63-0	44	2	142	4	>480	6																
Kerosene	8008-20-6	30	1	100	3																		
Lactic acid, 85%	598-82-3	>480	6	>480	6																		
Lauric acid, 36% in ethanol	143-07-7	>480	6	>480	6																		
Maleic acid, saturated	110-16-7	>480	6	>480	6																		
Methyl alcohol	67-56-1	18	- 1	40	2	35	2						2		2		2	175	4	175	4	175	4
Methyl Cellosolve®	109-86-4			75	3																		
Methyl chloroform	71-55-6																						
Methyl methacrylate	80-62-6							10	1	10	1												
Methyl tert-butyl ether	1634-04-4							60	3	60	3												
Methylamine	74-89-5																						
Methylamine 40%	74-89-5			79	3																		
Methylene chloride	75-09-2							0	0	0	0												
Mineral Oil/liquid paraffin																							
n-Amyl acetate	628-63-7	13	- 1																				
Naphtha (coal tar)	8030-30-6																						
Naphtha (Petroleum)	64742-48-9																						
n-Butyl acetate	123-86-4	10	0					10	1	10	1												
n-Butyl alcohol	71-36-3	48	2	135	4																		
n-Heptan	142-85-5												2		2		2	121	4	121	4	121	4
n-Heptane	142-82-5							>480	6	>480	6												
n-Hexane	110-54-3			16	1			240	5	240	5												
Nitric acid, 10%	7697-37-2			>480	6	>480	6	>480	6	>480	6												
Nitric acid, 40%	7697-37-2					>480	6																
Nitric acid, 70%	7697-37-2	220	4	370	5			60	3	60	3												
Nitrobenzene	98-95-3	10	0																				
Nitromethane	75-52-5			22	- 1																		
n-Pentane	109-66-0			13	1																		
n-Propyl acetate	109-60-4																						
n-Propyl alcohol	71-23-8	58	2	75	3	>480	6	>480	6	>480	6												
n-Undecane	1120-21-4																						
Octyl alcohol	111-87-5	118	3	275	5																		
Oleic Acid	112-80-1	>480	6	>480	6																		
Oxalic acid, 12.5%	144-62-7	>480	6	>480	6																		





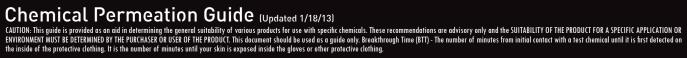






# EN 374

PROTECTIVE INDUSTRIAL	PRODUCTS 	57-8	8615	57-8	630R	57-	8630	57-8	640R	57-8	645R	57-8	8645	57-	8675								
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Hydrogen peroxide, 30%	7722-84-1																						
Hydroquinone	123-31-9																						
Isobutyl alcohol	78-83-1																						
Iso-octane	540-84-1																						
Isopropyl alcohol	67-63-0																						
Kerosene	8008-20-6																						
Lactic acid, 85%	598-82-3																						
Lauric acid, 36% in ethanol	143-07-7																						
Maleic acid, saturated	110-16-7																						
Methyl alcohol	67-56-1	75	3	97	3	75	3	97	3	97	3	97	3	75	3								
Methyl Cellosolve®	109-86-4																						
Methyl chloroform	71-55-6																						
Methyl methacrylate	80-62-6																						
Methyl tert-butyl ether	1634-04-4																						
Methylamine	74-89-5																						
Methylamine 40%	74-89-5																						
Methylene chloride	75-09-2																						
Mineral Oil/liquid paraffin																							
n-Amyl acetate	628-63-7																						
Naphtha (coal tar)	8030-30-6																						
Naphtha (Petroleum)	64742-48-9																						
n-Butyl acetate	123-86-4																						
n-Butyl alcohol	71-36-3																						
n-Heptan	142-85-5																						
n-Heptane	142-82-5	264	5	100	3	264	5	100	3	100	3	100	3	264	5								
n-Hexane	110-54-3																						
Nitric acid, 10%	7697-37-2																						
Nitric acid, 40%	7697-37-2																						
Nitric acid, 70%	7697-37-2																						
Nitrobenzene	98-95-3																						
Nitromethane	75-52-5																						
n-Pentane	109-66-0																						
n-Propyl acetate	109-60-4																						
n-Propyl alcohol	71-23-8																						
n-Undecane	1120-21-4																						
Octyl alcohol	111-87-5																						
Oleic Acid	112-80-1																						
Oxalic acid, 12.5%	144-62-7																						



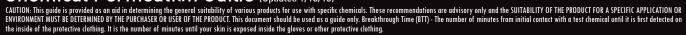








PROTECTIVE INQUISTRIAL P	PRADUCTS	EN 374		EN 374 AJK		EN 374	<b>%</b> :	EN 374	<b>A</b> :	EN 374 ABK	K	EN 374	*	EN 374 AKL		EN 374 ABK		EN 374		EN 374 ABK		EN 374 ABK	
		50-N	2272G	50-N2	2250G	50-1	N160	50-1	N140	50-N	110G	50-N	092B	47-	L442	48-L	.212Y	48-	L185	47-L	170Y	47-	L171
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Palmitic Acid, Sat	57-10-3																						
Pentachlorophenol, 36% in Ethanol	87-86-5																						
Peracetic acid	79-21-0					65	3																
Perchloric acid, 60%	7601-90-3	>480	6	>480	6	>480	6																
Petrol, unleaded						>480	6		5		3												
Petroleum distillates (naphtha)	8002-05-9																						
Phenol, 90%	108-95-2					137	4																
Phosphoric acid, 85%	7664-38-2	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Piperazine, saturated	110-85-0					>480	6																
Potassium hydroxide, 50%	1310-58-3	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Propylene glycol	57-55-6					>480	6																
Propylene glycol monomethyl ether	107-98-2					129	4																
Pyridine	110-86-1	24	1	24	1																		
Sodium hydroxide, 20%	1310-73-2							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Sodium hydroxide, 40%	1310-73-2							>480	6	>480	6	150	4	>480	6	144	4	132	4	176	4	176	4
Sodium hydroxide, 50%	1310-73-2	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Sodium hypochlorite	7681-52-9							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Sodium hypochlorite, 13%	7681-52-9	>480	6	>480	6	>480	6																
Sodium silicate	6834-92-0	>480	6	>480	6			>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Stoddard solvent	8052-41-3																						
Sulfuric acid, 40%	7664-93-9							>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6
Sulfuric acid, 47%	7664-93-9																						
Sulfuric acid, 50%	7664-93-9	>480	6	>480	6			>480	6	350	4	240	4	>480	6	>480	6	>480	6	>480	6	>480	6
Sulfuric acid, 96%	7664-93-9	150	4	150	4	150	4	96	3	35	2	15	- 1	74	3	135	4	110	3	95	3	95	3
Tannic Acid, 65%	1401-55-4																						
Tetrachloroethylene	127-18-4					165	4																
Tetrahydrofuran	109-99-9					7	0																
Tetrapropane	68551-17-7	>480	6	>480	6	>480	6																
Thinner		14	- 1	14	1									39	2								
Toluene	108-88-3	39	2	39	2	21	- 1							54	3								
Triethanolamine	102-71-6	>480	6	>480	6			>480	6	>480	6												
Triethylamine	121-44-8					>480	6																
Turpentine	8006-64-2	>480	6	>480	6	>480	6																
VM & P Naphtha	8032-32-4					>480	6																
White Spirit	8052-40-13	>480	6	>480	6	>480	6																
Xylene	1330-20-7	115	3	115	3	40	2							185	4								











### PROTECTIVE INDUSTRIAL PRODUCTS 58-8658D 58-8658K 52-3670 52-3665 50-N2420GY 56-630 56-635 58-8657 57-8643R 57-8653R 57-8657R CHEMICAL CAS# BTT INDEX BTT INDEX BTT INDEX INDEX BTT Palmitic Acid, Sat 57-10-3 >480 >480 >480 >480 Pentachlorophenol, 36% in Ethanol 87-86-5 Peracetic acid 79-21-0 Perchloric acid, 60% 7601-90-3 >480 >480 >480 >480 Petrol, unleaded 60 60 3 Petroleum distillates (naphtha) 8002-05-9 15 Phenol, 90% 108-95-2 84 108 3 Phosphoric acid, 85%7664-38-2 >480 >480 >480 >480 >480 110-85-0 Piperazine, saturated Potassium hydroxide, 50% 1310-58-3 >480 >480 >480 >480 57-55-6 Propylene glycol Propylene glycol monomethyl ether 107-98-2 Pyridine 110-86-1 19 Sodium hydroxide, 20% 1310-73-2 >480 >480 >480 >480 1310-73-2 >480 >480 >480 >480 >480 >480 Sodium hydroxide, 40% >480 Sodium hydroxide, 50% 1310-73-2 >480 >480 >480 >480 Sodium hypochlorite 7681-52-9 >480 Sodium hypochlorite, 13% 7681-52-9 Sodium silicate 6834-92-0 >480 Stoddard solvent 8052-41-3 62 >480 >480 Sulfuric acid, 40% 7664-93-9 >480 Sulfuric acid, 47% 7664-93-9 >480 >480 >480 >480 Sulfuric acid, 50% 7664-93-9 >480 180 260 95 >480 >480 >480 Sulfuric acid, 96% 7664-93-9 3 >480 >480 Tannic Acid, 65% 1401-55-4 Tetrachloroethylene 127-18-4 Tetrahydrofuran 109-99-9 0 0 Tetrapropane 68551-17-7 Thinner Toluene 108-88-3 9 102-71-6 Triethanolamine 121-44-8 Triethylamine 8006-64-2 Turpentine

### Chemical Permeation Guide (Updated 1/18/13)

8032-32-4

8052-40-13 1330-20-7

VM & P Naphtha

White Spirit

Xylene



10

10

35









# EN 377 AJKL EN 377 AJKL EN 377 AJKL AJKL AJKL AJKL AJKL AJKL AJKL AJKL AJKL

PROTECTIVE INDUSTRIAL I	PRODUCTS	57-8	8615	57-8		57-8	8630	<u>57-8</u>	640R	57-8		57-8	8645	57-	8675								
CHEMICAL	CAS #	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX	BTT	INDEX
Palmitic Acid, Sat	57-10-3																						
Pentachlorophenol, 36% in Ethanol	87-86-5																						
Peracetic acid	79-21-0																						
Perchloric acid, 60%	7601-90-3																						
Petrol, unleaded																							
Petroleum distillates (naphtha)	8002-05-9																						
Phenol, 90%	108-95-2																						
Phosphoric acid, 85%	7664-38-2																						
Piperazine, saturated	110-85-0																						
Potassium hydroxide, 50%	1310-58-3																						
Propylene glycol	57-55-6																						
Propylene glycol monomethyl ether	107-98-2																						
Pyridine	110-86-1																						
Sodium hydroxide, 20%	1310-73-2																						
Sodium hydroxide, 40%	1310-73-2	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6	>480	6								
Sodium hydroxide, 50%	1310-73-2																						
Sodium hypochlorite	7681-52-9																						
Sodium hypochlorite, 13%	7681-52-9																						
Sodium silicate	6834-92-0																						
Stoddard solvent	8052-41-3																						
Sulfuric acid, 40%	7664-93-9																						
Sulfuric acid, 47%	7664-93-9																						
Sulfuric acid, 50%	7664-93-9																						
Sulfuric acid, 96%	7664-93-9	140	4	110	3	140	4	110	3	110	3	110	3	140	4								
Tannic Acid, 65%	1401-55-4																						
Tetrachloroethylene	127-18-4																						
Tetrahydrofuran	109-99-9																						
Tetrapropane	68551-17-7																						
Thinner																							
Toluene	108-88-3																						
Triethanolamine	102-71-6																						
Triethylamine	121-44-8																						
Turpentine	8006-64-2																						
VM & P Naphtha	8032-32-4																						
White Spirit	8052-40-13																						
Xylene	1330-20-7																						

