

Chemical Recommendation

03-Oct-2014

Victoria



uib.no

Barrier Material	LLDPE	Neoprene/Natural rubber	Nitrile	Nitrile	PVA
Product Type	Unsupported	Unsupported	Unsupported	Disposable	Supported
Chem. Resistance	High	High	High	Low	High
Product Name	Barrier	Neotop	Solvex	TouchNTuff	PVA
Product Style	02-100	29-500	37-675.676	92-500.600.605 / 93-250.300.700	15-554
Thickness	0.062	0.75	0.38	0.12	N.A.

Type	CAS	Chemical Name	%	LLDPE	Neoprene/Natural rubber	Nitrile	Nitrile	PVA
sgl	100-42-5	Styrene	100	>480'	<10'	24'	<10'	>480'
sgl	107-06-2	1,2-Dichloroethane	100	>480'	<10'	<10'	0'	>480'
sgl	108-88-3	Toluene	100	>480'	<10'	23'	1'	>480'
sgl	108-94-1	Cyclohexanone	100	>480'	39'	42'	<5'	>480'
sgl	108-95-2	Phenol, 85%	85	>480'	>480'	60-120'	<10'	>480'
sgl	109-89-7	Diethylamine	100	>480'	9'	17'	1'	9'
sgl	109-99-9	Tetrahydrofuran	100	>480'	6'	6'	<5'	52'
sgl	110-54-3	n-Hexane	100	>480'	27'	>480'	>480'	>480'
sgl	110-86-1	Pyridine	100	>480'	12'	10'	<10'	8'
sgl	111-30-8	Glutaraldehyde	50	>480'	>480'	>480'	>480'	<10'
sgl	121-44-8	Triethylamine	100	>480'	23'	>480'	155'	>480'
sgl	1239-45-8	Ethidumbromide	100	>480'	>480'	>480'	>480'	>480'
sgl	1310-58-3	Potassium hydroxide	100	>480'	>480'	>480'	>480'	>480'
sgl	1310-73-2	Sodium Hydroxide	100	>480'	>480'	>480'	>480'	>480'
sgl	1336-21-6	Ammonium hydroxide	25	27'	>480'	131'	29'	<10'
sgl	141-78-6	Ethyl acetate	100	>480'	10-30'	18'	1'	>480'
sgl	142-82-5	Heptane	100	>480'	27'	>480'	>480'	>480'
sgl	50-00-0	Formaldehyde	35	>480'	>480'	>480'	>480'	<10'
sgl	558-13-4	Tetrabromomethane	100	>480'	>480'	>480'	>480'	>480'
sgl	593-51-1	Methylamine hydrochloride		>480'	>480'	>480'	>480'	>480'
sgl	60-29-7	Diethylether	100	>480'	5'	30-60'	<1'	>480'
sgl	617-84-5	Diethylformamide	100	>480'				
sgl	64-17-5	Ethyl alcohol	100	>480'	350'	240-480'	<10'	<10'
sgl	64-18-6	Formic acid	100	>480'	>480'	22'	<10'	<10'
sgl	64-19-7	Acetic acid, glacial	100	158'	149'	53'	7'	<10'
sgl	64742-88-7	White spirit	100	>480'	48'	>480'	285'	>480'
sgl	67-56-1	Methyl alcohol	100	>480'	97'	28'	1'	5'
sgl	67-63-0	Isopropanol	100	>480'	334'	>480'	117'	72'
sgl	67-64-1	Acetone	100	>480'	9'	7'	<10'	73'
sgl	67-66-3	Chloroform	100	32'	<10'	<10'	0'	>480'
sgl	68-12-2	Dimethylformamide	100	>480'	58'	<5'	<5'	13'
sgl	71-23-8	n-Propanol	100	>480'	>480'	>480'	21'	68'
sgl	71-36-3	n-Butanol	100	>480'	>480'	>480'	56'	60-120'
sgl	71-43-2	Benzene	100	>480'	5'	9'	<10'	>480'
sgl	75-05-8	Acetonitrile	100	>480'	21'	5'	<5'	94'
sgl	75-09-2	Methylene chloride	100	16'	<10'	<10'	<10'	>480'
sgl	75-11-6	Diiodomethane	100	10-30'	<10'	<10'	<10'	>480'
sgl	75-15-0	Carbon disulfide	100	>480'	<5'	12'	<5'	>480'
sgl	7647-01-0	Hydrochloric acid	37	>480'	>480'	>480'	51'	<10'
sgl	7664-38-2	Phosphoric acid	100	>480'	>480'	>480'	>480'	<10'
sgl	7664-39-3	Hydrogen fluoride, anhydrous	100	170'	6'	1'	<10'	<10'
sgl	7664-93-9	Sulphuric acid	96	>480'	201'	49'	10-30'	<5'
sgl	7697-37-2	Nitric acid, fuming	100	>480'	<10'	<10'	<10'	<10'
sgl	7722-84-1	Hydrogen peroxide	30	>480'	>480'	>480'	41'	<10'
sgl	79-06-1	Acrylamide, pure	100	>480'	>480'	>480'	>480'	>480'

PERMEATION BREAKTHROUGH TIMES ACCORDING TO EN374 (MINUTES)

0	1	2	3	4	5	6
< 10	10-30	30-60	60-120	120-240	240-480	> 480
Not Recommended	Splash Protection		Medium Protect		High Protect	