





BREAKTHROUGH TIME GUIDE			
<b>&lt; 10</b>	<b>10 - 60</b>	<b>60 - 240</b>	<b>&gt; 240</b>
Not Recommended / Minimal Protection	Limited / Splash Protection	Medium / Short-Term Exposure	Extended / Prolonged Exposure

ALL TIMES ARE IN MINUTES.

Chemical	Nitrile			Latex				Neoprene
	SHF678-SHF682	SHF683-SHF687	SHF693-SHF695	SHF670-SHF673	SHF674-SHF677	SHF700-SHF703	SHF704-SHF707	SHF696-SHF699
<b>ACIDS</b> 								
Acetic Acid (25%)	>480	>480	>480	120-240	240-480	240-480	240-480	>480
Hydrochloric Acid (10%)	>480	>480	>480	>480	>480	>480	>480	>480
Hydrochloric Acid (37%)	60-120	60-120	60-120	60-120	60-120	120-240	120-240	240-480
Nitric Acid (40%)	240-480	240-480	>480	>480	>480	>480	>480	>480
Sulphuric Acid (40%)	>480	>480	>480	>480	>480	>480	>480	>480
<b>ALCOHOLS &amp; GLYCOLS</b> 								
Ethanol (96%)	>480	>480	>480	>480	>480	>480	>480	>480
Ethylene Glycol	>480	>480	>480	60-120	60-120	60-120	120-240	120-240
Isopropyl Alcohol	>480	>480	>480	>480	>480	>480	>480	>480
Methanol	10-30	10-30	60-120	10-30	10-30	10-30	30 - 60	30 - 60
n-Butanol	240-480	>480	>480	>480	>480	>480	>480	>480
Propan-1-ol	>480	>480	>480	30 - 60	60-120	60-120	120-240	120-240
<b>SOLVENTS</b> 								
Acetone	<10	<10	<10	<10	<10	<10	<10	<10
Cyclohexane	>480	>480	>480	<10	<10	<10	<10	<10
Cyclohexanol	120-240	240-480	>480	10-30	60-120	60-120	120-240	120-240
Dimethyl Sulfoxide	30 - 60	30 - 60	60-120	>480	>480	>480	>480	>480
Ethyl Acetate	<10	<10	10-30	<10	<10	<10	<10	<10
Methyl Ethyl Ketone	<10	<10	10-30	<10	<10	<10	<10	<10
n-Hexane	>480	>480	>480	<10	<10	<10	<10	<10
Toluene	<10	<10	10-30	<10	<10	<10	<10	<10
Xylene	<10	<10	<10	<10	<10	<10	<10	<10
<b>OTHERS</b> 								
Formaldehyde (37%)	>480	>480	>480	>480	>480	>480	>480	>480
Hydrogen Peroxide (30%)	>480	>480	>480	120-240	240-480	>480	>480	>480
Potassium Hydroxide (50%)	>480	>480	>480	>480	>480	>480	>480	>480
Sodium Hydroxide (40%)	>480	>480	>480	>480	>480	>480	>480	>480
Triethanolamine	240-480	240-480	240-480	120-240	240-480	240-480	>480	>480