

SILICON / SILICONE

Okapox royal chemical resistance table

	Concentration	Laboratory bench	Industrial flooring			
			Permanent		Occasional	
			20 °C	50 °C	20 °C	50 °C
Acids						
Formic acid	2,5 % 10,0 %	● ●	● ●	● ●	● ●	● ●
Acetic acid	2,5 % 10,0 %	● ●	● ●	● ●	● ●	● ●
Acrylic acid	2,5 % 10,0 %	● ●	● ●		● ●	
Citric acid	10,0 %	●	●	●	●	●
Laktic acid	2,5 % 10,0 %	● ●	● ●	● ●	● ●	● ●
Tannic acid	10,0 %	●	●	●	●	●
Tartaric acid	10,0 %	●	●	●	●	●
Oxalix acid	10,0 %	●	●	●	●	●
Oleic acid		●	●	●	●	●
Hydrochloric acid	37,0 %	●	●	●	●	●
Sulphuric acid	50,0 % 96,0 %	● ●	● ●		● ●	
Nitric acid	25,0 % 50,0 %	● ●	● ●	●	● ●	●
Phosphoric acid	75,0 %	●	●		●	
Hydrofluoric acid	5,0 %	●				
Chromic acid	20,0 %	●	●		●	
Mixture of nitric acid and hydrofluoric acid (NaF: 46g/l. HNO3:150ml/l 95% H2O: 850ml/l)	52,3 %	●	●	●	●	●
Alkaline and saline solutions						
Ammonia solution	25,0 %	●	●	●	●	●
Soduim hydroxide	29,0 %	●	●	●	●	●
Potassium hydroxide	29,0 %	●	●	●	●	●
Hypochlorite: Sodium hypochlonte: 6,428 g/l chlorine 162,300 g/l chlorine		● ●	● ●	● ●	● ●	● ●
Natrium thiosulfate		●	●	●	●	●
Calcium chloride		●	●	●	●	●
Ferric chloride		●	●	●	●	●
Common salt		●	●	●	●	●
Codium chromate		●	●	●	●	●
Sugar		●	●	●	●	●
Aluminium sulphate		●	●	●	●	●
Monounsaturated aluminium sulphate		●	●	●	●	●
Potassium permanganagte	5,0 % 10,0 %	● ●	● ●	● ●	● ●	● ●
Mercuric chloride	5,0 %	●	●	●	●	●
Hydrogen peroxide	1,0 % 10,0 % 25,0 %	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Sodium bisulphite	10,0 %	●	●	●	●	●

	Laboratory bench	Industrial flooring			
		Permanent		Occasional	
		20 °C	50 °C	20 °C	50 °C
Mineral oil and lubricants					
Gasoline, fuel product	●	●	●	●	●
Turpentine	●	●	●	●	●
Diesel oil	●	●	●	●	●
Peanut oil	●	●	●	●	●
Tar oil	●	●	●	●	●
Olive oil	●	●	●	●	●
Heating oil (light)	●	●	●	●	●
Heating oil (heavy)	●	●	●	●	●
Petroleum	●	●	●	●	●
Alkaline and saline solutions					
Acetone	●	●		●	
Ethyl ether	●	●		●	
Ethylene glycol	●	●	●	●	●
Glycerine	●	●	●	●	●
Methyl Cellosolve	●	●		●	
Perchlorethylen	●	●	●	●	●
α-Picoline (2-Methylpyrdine)	●	●	●	●	●
Carbon tetrachloride	●	●	●	●	●
Methanol	●	●		●	
Methylene chloride	●	●	●	●	●
Tetrahydrofuran	●	●	●	●	●
Toluene	●	●	●	●	●
Carbon disulphide	●	●	●	●	●
White spirit	●	●	●	●	●
Benzole	●	●	●	●	●
Trichlorethan	●	●	●	●	●
Dioxan	●	●	●	●	●
Xylene	●	●	●	●	●
Etyhl alcohol	●	●	●	●	●
Trichloretylen	●	●	●	●	●

● Stable ● Reacted ● Damaged