

**Chemical resistance**

**Rubber Flooring**

	Chemical	Exposure time	
		One minute	24 hours
<b>Acids</b>	Acetic Acid conc. Acetic Acid 5 % Chromic Acid 37 % Citric Acid 10 % Hydrochloride Acid conc. Hydrofluoric Acid conc. 5 %  Light Acid 90 % Nitric Acid conc. Nitric Acid 5 % Nitric Acid 30 % Sulfuric Acid conc. Sulfuric Acid 77 % Sulfuric Acid 5 %	No change No change Brown discoloration No change No change No discoloration Slight surface attack No change No change No change No change Light yellow discoloration No change No change	No discoloration. Slight surface attack. No change Brown discoloration No change No change Dark discoloration Surface attack No change Light brown discoloration. Surface attack. Light brown discoloration Colour change Brown discoloration. Surface attack. Light yellow discoloration No change
<b>Alkalis</b>	Ammonia Ammonia Hydroxide 25 % Potassium hydroxide 50 % Potassium hydroxide 5 % Sodium Hydroxide 50 %	Very slight change No change No change No change No change	Very slight change No change Light surface attack Very light surface attack No discoloration. Slight surface attack.
<b>Alcohols</b>	Butyl Alcohol Ethanol Iso propanol 50 % Methanol Methyl Alcohol	No change No change No change No change No change	Very slight discoloration No change No change No change No change
<b>Aromatics</b>	Hydro quinone 50 % Hydro quinone 5 % Phenol Xylene	No change No change No change No change	Light surface attack No change No change No discoloration. Slight surface swelling.
<b>Ketones and esters</b>	Acetone Amyl Acetate Ethyl Acetate Methyl Ethyl Ketone	No change No change No change No change	No change No change No change No discoloration. Very slight surface swelling.
<b>Solvents</b>	Carbon Tetrachloride Chloroform Diethylether Dimethylformamid Disopropylether Ethyl Acetate Ethyleter Heptane Methylene chloride Tetrahydrofuran Toluen Trichlorethan Trichlorethylene	No change No change No change No change No change No change No change No change No change Very slight change No change Slight change No change	No change No change No change No discoloration. Very slight surface attack No change No change No change No change No change Very slight change No discoloration. Very slight surface attack Slight change No change
<b>Miscellaneous</b>	Ammoniumthiosulfat 50 % Ammoniumthiosulfat 5 % Animal grease Blood Coffee Dialysis fluids Formaldehyde conc. Hydrogen peroxide 5 % Iodine Methyl blue diluted 0,1 % Methyl pyrrolidon Mineral Oil Pyridin Saline Silver Nitrate conc. Silver Nitrate Sodium sulfite 50 % Sodium sulfite 5 % Sodium sulfide 50 % Sodium sulfide 5 % Sodium bensoat 50 % Sodium bensoat 5 % Sodium carbonate 20 % Sodium hypochlorite Tea Thionylchlorid Triethylamin (TEA) Vegetable grease	No change No change No change No change No change No change No change No change No change No change Slight change No change Very slight change No change Brown discoloration Brown discoloration No change No change No change No change No change No change No change No change No change Slight colour change No change No change	No change No change No discoloration. Slight surface swelling. Brown discoloration No change No change No change No change Dark brown discoloration Very slight blue discoloration Slight change Light yellow discoloration Very slight change No change Black discoloration Black discoloration Very light surface attack No change Very light surface attack No change No change No change No change No change No change Slight colour change No change No discoloration. Slight surface swelling.