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CHEMICAL RESISTANCE CHART

CHEMICAL RESISTANCE AT ROOM TEMPERATURE 23°C (73°F)

Water and Water Solutions:		Natural and Manufactured Beverages:		Oils and Fats:	
Sewage	+	Beer	+	Blood	+
Chlorine water	+	Vegetable juice	+	Hydraulic fluids	0
Formaldehyde 37%	+	Milk	+	Linseed oil	+
Antifreeze (w/glycol)	+	Grape juice	+	Mineral oil	+
Tap water	+	Wine	+	Olive oil	+
Sea water	+	Whiskey	0	Castor oil	+
Sodium chloride 5%	+			Crude oil	+
Sodium chloride conc.	+			Lard	+
Sodium hypochlorite 15%	+			Animal fats	+
Sodium carbonate	+				
Soap solution	+				
Silicone solution	+			Cleaning Agents:	
Water deionized	+			Gasoline	+
Water 90°C	0			Household bleach	+
Hydrogen peroxide 3%	+			Spot remover	-
Hydrogen peroxide 10%	+			Soaps	+
Hydrogen peroxide 30%	+			Petroleum	+
Hydrogen peroxide 80%	0			Ammonia solution	+
				Soapy water	+
				Soda water	+
				Turpentine	+
				Mineral spirits	0

EVALUATION: + Excellent Resistance After Months of Contact
 0 Fair Resistance After 4 Hours of Contact
 - Poor Resistance After 4 Hours of Contact

Chemical Resistance of Methyl Methacrylate Based Systems:

This is a guide only. Chemical attack is in most cases caused by a combination of chemicals. This table shows resistance of cured acrylic resins (PMMA) to individual chemicals only. Specific modifiers and additives may increase the chemical resistance rating for certain applications. Contact technical service for more information.