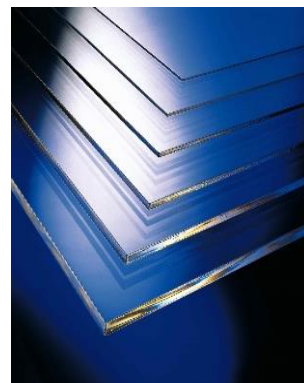




Chemical Resistance



TYPICAL CHEMICAL RESISTANCE OF MARCRYL RESINS					
Chemical	Exposure	Concentration	Resistance	Comment	
Acetic acid	L	10%	+		
	S	100%	-	Swollen	
	S	Glacial	-	Dissolved	
Acetone	S	100%	-	Dissolved	
Alcohols	N-butyl	L		-	Crazing
		Ethyl	L	10%	0
		L	50%	0	Slight
		L	100%	-	Softening
		Isopropyl	L	10%	0
		L	50%	0	Crazing
		L	100%	0	Crazing
		Methyl	L	10%	0
		L	50%	0	Swelling
L		100%	-	Weight increase	
Ammonia		L		+	
Amyl acetate	M		-	Dissolved	
Aniline	S		-	Dissolved	
Aviation fuel	L	100-octane	0	Slight crazing	
Benzaldehyde	S		-	Dissolved	
Benzene	S		-	Dissolved	
Butyl acetate	S		-	Dissolved	
Calcium chloride	L	Saturated sol.	+	Slight	
Carbon tetrachloride	M		-	Dissolved	
Chloroform	S		-	Dissolved	
Chlorine	L	2% in water	0	Surface crazed	
Chromic acid	L	10%	+	Stained	
	L	Saturated sol.	-	Dissolved	
Citric acid	L	Saturated sol.	+		
Dibutyl phthalate	L		0	Surface crazed	
Dioctyl phthalate	L		0	Slight	
Dibutyl sebacate	L		0	Slight	
Diethyl ether	M		-	Swelling	
Ethylene glycol	L		+		
Ethylene dichloride	S		-	Dissolved	
Ethyl acetate	S		-	Dissolved	



Brett Martin Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.

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Epichlorhydrin	S		-	Dissolved
Formaldehyde	L	40%	+	
Formic acid	L	10%	+	
	S	90%	-	
Glycerol (glycerine)	L		+	
Hexane	M		+	Slight crazing
Hydrochloric acid	M	10%	+	Slight crazing
	M	Concentrated	+	Slight crazing
Hydrocyanic acid	S		-	Dissolved
Hydroflouric acid	S	Concentrated	-	Softened
Hydrogen peroxide	L	10%	+	
	S	90%	-	
Mercury	L		+	
Methylene chloride	S		-	Dissolved
Methyl salicylate	S		-	Dissolved
Nitric acid	L	10%	+	
	S	Concentrated	-	Swollen
Oils				
Transformer	L		+	Staining
Diesel	L		+	Hazing
Olive	L		+	Slight crazing
Paraffin	L		+	
Silicones	L		0	Swollen
Oxalic acid	L	Saturated Sol.	+	
Perchloroethylene	L		-	Severe crazing
Phenol	S	Saturated sol.	-	Dissolved
Phosphoric acid	L	10%	+	
	S	Concentrated	-	Severe crazing
Potassium dichromate	L	10%	+	Slight staining
Potassium hydroxide	M	Saturated sol.	+	
Potassium permanganate	L		+	Severe staining
Sodium carbonate	L	Saturated sol.	+	
Sodium chlorate	L	Saturated sol.	+	
Sodium chloride	L	Saturated sol.	+	
Sodium hydroxide	L	Saturated sol.	+	
Sodium hypochlorite	L	10% chlorine sol.	+	
Sulphuric acid	L	10%	+	
	L	30%	+	Slight edge attack
	S	Concentrated	-	Swollen
Tartaric acid	L	Saturated sol.	+	
Toluene	S		-	Dissolved
Trichloroethant	S		-	Dissolved
Trichloroethylene	S		-	Dissolved
Tricresyl phosphate	L		-	Attacked/crazed
Water	L		+	
White spirit	L		+	Slight crazing
Xylene	S		-	Dissolved



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