

## CHEMICAL RESISTANCE CAST ACRYLIC SHEETS

NA = NON ATTACKED

AL = LIMITED ATTACKED

AF = STRONGLY ATTACKED

ACIDS		BASED		PHENOLS	
Acetic Acid- 10%	NA	Sodium Carbonate Saturate	NA	Cresol	AF
Acetic Acid- 100%	AF	Potassa- 10%	NA	Phenol	AF
Butyric Acid Conc	AF	Potassa- 50%	AF	Metacresol	AF
Citric Acid Saturated	NA	Sodium- 10%	NA	<b>DIFFERENT SOLVENTS</b>	
Hydrochloric Acid- 10%	NA	Sodium- 50%	AF	Butyl Acetate	AF
Hydrochloric Acid Conc.	NA	<b>OILS AND FATTY CORPS</b>		Ethyl Acetate	AF
Chromic Acid- 10%	NA	Coconut Oil	NA	Acetone	AF
Hydrofluoric Acid Saturated	AF	Lockheed Oil	AF	Turpentine 3% aromatics	NA
Hydrofluoric Acid	AF	Mineral Oil	NA	Acetic Aldehyde- 10%	AF
Formic Acid- 10%	NA	Butyl Stearate	NA	Benzoic Aldehyde	AF
Formic Acid.Conc	AF	Lanolin	NA	Acetic Anhydride	AL
Phosphoric Acid- 10%	NA	Oiled of Sodium	NA	Aniline	AF
Phosphoric Acid- 95%	AF	Paraffin	NA	Benzene	AF
Lactic Acid- 20%	NA	<b>FOOD ITEMS</b>		Petrol	AL
Nitric Acid- 10%	NA	Vinegar	NA	Cyclohexane	AF
Nitric Acid Conc.	AF	Milk	NA	Chloroform	AF
Oxalic Acid Saturated	NA	Olive Oil	NA	Ethylene Chloride	AF
Paracetic Acid	AF	Fruit Juice	NA	Methylene Chloride	AF
Sulphuric Acid- 10%	NA	Wine	NA	Dichloroethane	AF
Sulphuric Acid- 30%	AL	<b>DISINFECTANTS AND CLEANING PROD.</b>		Diethylene Glycol	NA
Sulphuric Acid- 90%	AF	Hydrogen Peroxide 40 Vol.	NA	Dioxan	NA
Tartaric Acid Saturated	NA	Hydrogen Peroxide 90 Vol.	AF	Ethyl Ether	AF
<b>ALCOHOLS</b>		Ammonia Concentrated	AF	Ethylamine	AF
Amylic Alcohol Pure	AF	Ammonia sol.den. 0.88	NA	Ethylene Glycol	NA
Benzyl Alcohol Pure	AF	Formalin	NA	Freon	AF
Butyl Alcohol Pure	AF	Sodium Hypochlorite 10° chlorine	NA	Butyl Phthalate	AL
Anhydrous Alcohol- 30%	AL	Sodium Hypochlorite 48° chlorine	AF	Nonyl Phthalate	AL
Etanol Alcohol- 10% short contact	NA	Mercury Chrome	NA	Octyl Phthalate	AL
Etanol Pure	AF	Tincture of Iodine	AF	Gas Oil	AL
Methyl Alcohol- 10%	NA	<b>MINERAL SALTS IN SOLUTION</b>		High Octane Gas Index Octane100	AL
Methyl Alcohol- 50%	AL	Chlorine Water- 2%	AL	Glycerin	NA
Methyl Alcohol Pure	AF	Sea Water	NA	Mercury	NA
Propyl Alcohol- 10%	AL	Aluminium in saturated solution	NA	Methylethylacetone	AF
Propyl Alcohol- 50%	AF	Potassium Dichromate- 10%	NA	Naphtaline	AL
<b>GAS</b>		Sodium Bisulphate- 10%	NA	Perchloroethylene	AF
Acetylene	NA	Ammonium Chloride Saturated	NA	Pyralen	AF
Sulphure Dioxide	NA	Iron Sulphate	NA	Ethylene Sulphate	AF
Sulphure Trioxide	AF	Mercuric Chloride- 10%	AF	Carbon Sulphate	AF
Butane	NA	Sodium Chloride	NA	Turpentine	NA
Carbonic Gas	NA	Calcium Hypochloride	NA	Toluene	AF
Gas City	NA	Sodium Methaphosphates	NA	Trichloroethane	AF
Hydrogen	NA	Sodium Dichromate- 10%	NA	Trichloroethylene	AF
Oxigen	NA	Ammonium Nitrate	NA	Tricresyl Phosphate	AF
Ozone	NA	Iron Perchlorid	AL	Xylene	AF
Propane	NA	Permanganate- 10%	NA		