



## CHEMICAL RESISTANCE of PORCELAIN ENAMEL at VARIOUS TEMPERATURE LEVELS

Key: 1 - Fully Resistant    2 - Resistant Over a Limited Period Only    3 - Non-Resistant

Chemical	Temperature in Degrees Fahrenheit			Chemical	Temperature in Degrees Fahrenheit		
	85°	212°	350°		85°	212°	350°
Acetaldehyde	1	1	1	Chloric Acid	1	1	1
Acetic Acid	1	1	1	Chlorinated Paraffin	1	1	1
Acetic Anhydride	1	1	1	Chlorine Gas	1	1	1
Acetone	1	1	1	Chlorine Dioxide	1	1	1
Acetyl Salicylic Acid	1	1	1	Chlorine Water	1	1	1
Acrylic Acid	1	1	1	Chloroacetyl Chloride	1	1	1
Alcohol, Ethyl	1	1	1	Chlorobenzene	1	1	1
Alcohol, Methyl	1	1	1	Chloroform	1	1	1
Aluminum Acetate	1	1	1	Chlorosulphonic Acid	1	1	1
Aluminum Chlorate	1	1	1	Chlorosulphuric Acid	1	1	1
Aluminum Chloride	1	1	1	Chromic Acid (Fluorine Free)	1	1	1
Aluminum Fluoride	3	3	3	Chromium Sulphate	1	1	1
Aluminum Potassium Sulphate	1	1	1	Citric Acid	1	1	1
Aluminum Sulphate	1	1	1	Copper Chloride	1	1	1
Aminoethanol	1	1	1	Copper Sulphate	1	1	1
Aminophenol	1	1	1	Cresylic Acids	1	1	1
Ammonium Bromide	1	1	1	Dichloroacetic Acid	1	1	1
Ammonium Carbonate	1	1	1	Dichlorobenzene	1	1	1
Ammonium Fluoride	3	3	3	Dichlorobenzyl	1	1	1
Ammonium Hydroxide	1	2	3	Diethylamine	1	1	1
Ammonium Metaphosphate	1	1	1	Dimethylaminopropanol	1	1	1
Ammonium Nitrate	1	1	1	Dimethyl Sulphate	1	1	1
Ammonium Persulphate	1	1	1	Ether	1	1	1
Ammonium Phosphate	1	1	1	Ethyl Acetate	1	1	1
Ammonium Sulphate	1	1	1	Ethyl Chloride	1	1	1
Ammonium Sulphide	1	1	1	Ethylene Dibromide	1	1	1
Amyl Acetate	1	1	1	Ethylene Glycol	1	1	1
Aniline	1	1	1	Fatty Acids	1	1	1
Antimony Trichloride	1	1	1	Ferric Chloride	1	1	1
Aqua Regia	1	1	1	Ferrous Sulphate	1	1	1
Arsenious Acid	1	1	1	Fluorine	3	3	3
Barium Chloride	1	1	1	Formaldehyde	1	1	1
Barium Hydroxide	1	2	2	Formic Acid	1	1	1
Barium Sulphate	1	1	1	Fumaric Acid	1	1	2
Benzaldehyde	1	1	1	Glycerine	1	1	1
Benzene	1	1	1	Glycerol	1	1	1
Benzoic Acid	1	1	1	Glycol	1	1	1
Benzol Chloride	1	1	1	Glycolic Acid	1	1	1
Benzoyl Chloride	1	1	1	Hexachlorethane	1	1	1
Bleaching Powder	1	1	1	Hydrazine	1	1	1
Boric Acid	1	1	1	Hydrazine Hydrate	1	1	1
Bromic Acid	1	1	1	Hydrazine Sulphate	1	1	1
Bromine	1	1	1	Hydriodic Acid	1	1	1
Butyl Acetate	1	1	1	Hydrobenzoic Acid - Methyl Ester	1	1	1
Butyric Acid	1	1	1	Hydrobromic Acid	1	1	1
Calcium Chloride	1	1	1	Hydrochloric Acid	1	1	1
Calcium Hydroxide	1	1	1	Hydrocyanic Acid	1	1	1
Calcium Hypochloride	1	1	1	Hydrofluoric Acid	3	3	3
Calcium Sulphate	1	1	1	Hydrogen Bromide	1	1	1
Carbon Bisulfide	1	1	1	Hydrogen Peroxide	1	1	1
Carbon Dioxide	1	1	1	Hydrogen Sulphide Solution	1	1	1
Carbon Monoxide	1	1	1	Hydroxyacetic Acid	1	1	1
Carbon Tetrachloride	1	1	1	Hypochlorous Acid	1	1	1
Carbonic Acid	1	1	1	Iodic Acid	1	1	1
Chloroacetic Acid	1	1	1	Iodine	1	1	1



## CHEMICAL RESISTANCE of PORCELAIN ENAMEL at VARIOUS TEMPERATURE LEVELS

Key: 1 - Fully Resistant    2 - Resistant Over a Limited Period Only    3 - Non-Resistant

Chemical	Temperature in Degrees Fahrenheit			Chemical	Temperature in Degrees Fahrenheit		
	85°	212°	350°		85°	212°	350°
Iron Bromide	1	1	1	Potassium Sulphate	1	1	1
Isoamylalcohol	1	1	1	Pyridine	1	1	1
Isopropanol	1	1	1	Pyridine Chloride	1	1	1
Lactic Acid	1	1	1	Pyridine Hydrochloride	1	1	1
Lead Acetate	1	1	1	Pyrogallol	1	1	1
Lithium Chloride	1	1	1	Pyrolidine	1	1	1
Lithium Hydroxide	3	3	3	Salicylic Acid	1	1	1
Magnesium Carbonate	1	1	1	Silicon Fluoride	3	3	3
Magnesium Sulphate	1	1	1	Silver Chloride	1	1	1
Maleic Acid	1	1	1	Sodium Bicarbonate	1	2	3
Manganese Sulphate	1	1	1	Sodium Biphosphate	1	1	1
Mercuric Chloride	1	1	1	Sodium Biphosphite	1	1	1
Methanol	1	1	1	Sodium Carbonate	1	1	1
Methyl Acetate	1	1	1	Sodium Chlorate	1	1	1
Methyl Chloride	1	1	1	Sodium Chloride	1	1	1
Monochloroacetic Acid	1	1	1	Sodium Cyanide	1	1	1
Monochlorobenzene	1	1	1	Sodium Ethylate	1	1	1
Monethanolamine	1	1	1	Sodium Fluoride	3	3	3
Monosodium Glutamate	1	1	1	Sodium Glutamate	1	1	1
Naphthalene	1	1	1	Sodium Hydroxide	1	2	3
Nickel Chloride	1	1	1	Sodium Hypochlorite	1	1	1
Nickel - Plating Solution	1	1	1	Sodium Methylate	1	1	1
Nitric Acid	1	1	1	Sodium Nitrate	1	1	1
Nitric Oxide	1	1	1	Sodium Polysulphide	1	1	1
Nitrobenzene	1	1	1	Sodium Silicate	1	1	1
Nitrobenzol	1	1	1	Sodium Sulphate	1	1	1
Nitrous Acid	1	1	1	Sodium Sulphide	2	2	2
Nitrous Oxide	1	1	1	Sulphonic Acid	1	1	1
O - Hydroxybenzoic Acid	1	1	1	Sulphur	1	1	1
Oleic Acid	1	1	1	Sulphur Dioxide	1	1	1
Organic Chlorides	1	1	1	Sulphuric Acid	1	1	1
Oxalic Acid	1	1	1	Sulphuric Acid (Oleum)	1	1	1
Perchloric Acid	1	1	1	Sulphurous Acid	1	1	1
Phenol	1	1	1	Tannic Acid	1	1	1
Phenolphthalein	1	1	1	Tartaric Acid	1	1	1
Phosphoric Acid (Fluorine Free)	1	1	1	Tetrachloroethylene	1	1	1
Phosphorous Oxchloride	1	1	1	Thlocarbonic Acid	1	1	1
Phosphorous Trichloride	1	1	1	Toluene	1	1	1
Phthalic Anhydride	1	1	1	Trichloroacetic Acid	1	1	1
Picric Acid	1	1	1	Trichloroethylene	1	1	1
Polyvinyl Chloride	1	1	1	Triethanolamine	1	1	1
Potassium Bicarbonate	1	1	1	Triethyl Phosphoric Acid	1	1	1
Potassium Bisulphate	1	1	1	Trifluoroacetic Acid	1	1	1
Potassium Bromide	1	1	1	Trisodium Phosphate	1	2	3
Potassium Chloride	1	1	1	Urea	1	1	1
Potassium Dichromate	1	1	1	Water	1	1	1
Potassium Ferrocyanide	1	1	1	Xylene	1	1	1
Potassium Fluoride	3	3	3	Zinc Bromide	1	1	1
Potassium Hydroxide	1	2	3	Zinc Chloride	1	1	1
Potassium Hypochlorite	1	1	1	Zinc Sulphate	1	1	1