

**CHEMICAL RESISTANCE CHART FOR RESIMETAL PRODUCTS**

CHEMICAL	101	106	107	201	202	203	204	205	206	207
Acetic Acid <10%	2	3	3	2	2	2	3	2	2	2
Acetic Acid <20%	3	3	3	3	3	3	3	3	3	3
Acetic Acid >20%	4	4	4	4	4	2	4	4	4	4
Acetone	3	3	3	3	3	3	3	1	2	1
Alums	1	1	1	1	1	1	1	1	1	1
Aluminium Chloride (Dry)	1	1	1	1	1	1	1	1	1	1
Aluminium Sulphate	1	1	1	1	1	1	1	1	1	1
Ammonium Carbonate	1	1	1	1	1	1	1	1	1	1
Ammonium Hydroxide 0-10%	1	2	1	1	1	1	1	1	1	1
Ammonium Hydroxide 10-20%	1	3	2	1	1	1	1	1	1	1
Ammonium Hydroxide +20%	3	3	3	3	3	3	3	1	1	1
Ammonium Phosphate	1	1	1	1	1	1	1	1	1	1
Ammonium Nitrate	1	1	1	1	1	1	1	1	1	1
Amyl Acetate	1	2	2	1	1	1	1	1	1	1
Amyl Alcohol	2	2	2	2	2	2	2	1	1	1
Apple Juice	1	1	1	1	1	1	1	1	1	1
Aviation Fuel	1	2	2	1	1	1	1	1	1	1
Barium Carbonate	1	1	1	1	1	1	1	1	1	1
Barium Chloride	1	1	1	1	1	1	1	1	1	1
Barium Hydroxide	1	1	1	1	1	1	1	1	1	1
Barium Sulphate	1	1	1	1	1	1	1	1	1	1
Barium Sulphide	1	1	1	1	1	1	1	1	1	1
Beet	1	1	1	1	1	1	1	1	1	1
Beet Sugar Liquor	2	3	2	2	2	2	2	1	2	1
Benzene	1	4	2	1	2	1	2	1	1	1
Benzoic Acid	2	3	2	2	2	2	2	2	2	2
Bleach	3	3	3	3	3	3	3	2	3	2
Brake Fluid	1	2	2	1	1	1	1	1	1	1
Brine	1	1	1	1	1	1	1	1	1	1
Bunker Oil	1	2	2	1	1	1	1	1	1	1
Butyl Acetate	1	2	2	1	1	1	1	1	1	1
Butyl Alcohol	1	2	2	1	1	1	1	1	1	1
Calcium Carbonate	1	1	1	1	1	1	1	1	1	1
Calcium Chloride	1	1	1	1	1	1	1	1	1	1
Calcium Hydroxide	1	1	1	1	1	1	1	1	1	1
Calcium Hypochlorite	2	3	3	2	2	2	2	2	2	2

**CHEMICAL RESISTANCE CHART FOR RESIMETAL PRODUCTS**

CHEMICAL	101	106	107	201	202	203	204	205	206	207
Calcium Sulphate	1	1	1	1	1	1	1	1	1	1
Carbon Dioxide (Dry)	1	1	1	1	1	1	1	1	1	1
Carbon Monoxide	1	1	1	1	1	1	1	1	1	1
Carbon Tetrachloride	2	3	2	2	2	2	2	2	2	2
Carbonic Acid 0-10%	1	1	1	1	1	1	1	1	1	1
Carbonic Acid 30%	2	2	2	2	2	2	2	2	2	2
Castor Oil	1	1	1	1	1	1	1	1	1	1
Chlorine Dry	1	1	1	1	1	1	1	1	1	1
Chlorine Wet	2	3	2	2	2	2	2	2	2	2
Chlorobenzene	2	3	3	2	2	2	2	2	2	2
Chloroform	2	3	3	2	2	2	2	2	2	2
Chromic Acid 10%	2	3	3	2	2	2	2	2	2	2
Coconut Oil	1	1	1	1	1	1	1	1	1	1
Cod Liver Oil	1	1	1	1	1	1	1	1	1	1
Copper Chloride	1	1	1	1	1	1	1	1	1	1
Copper Nitrate	1	1	1	1	1	1	1	1	1	1
Copper Sulphate	1	1	1	1	1	1	1	1	1	1
Creosote	3	3	3	3	3	3	3	3	3	3
Cresylic Acid	4	4	4	4	4	4	4	3	3	3
Crude Oil Sweet	1	2	1	1	1	1	1	1	1	1
Crude Oil Sour	1	2	2	1	1	1	1	1	1	1
Cyclohexane	1	3	2	1	1	1	1	1	1	1
Cyclohexanol	1	2	2	1	1	1	1	1	1	1
Di-Acetone Alcohol	2	2	2	2	2	2	2	1	1	1
Di-Butyl Ether	1	2	2	1	1	1	1	1	1	1
Diethylamine	4	4	4	4	4	4	4	2	2	2
Diesel Oil	1	1	1	1	1	1	1	1	1	1
Diethanolamine	1	2	1	1	1	1	1	1	1	1
Ethyl Acetate	1	3	3	1	1	1	1	1	1	1
Ethyl Acrylate	2	2	2	2	2	2	2	1	1	1
Ethyl Alcohol	2	3	3	2	2	2	2	1	1	1
Ethylene Glycol	1	2	1	1	1	1	1	1	1	1
Ferric Chloride	2	2	2	2	2	2	2	1	1	1
Ferric Sulphate	1	1	1	1	1	1	1	1	1	1
Formic Acid 10%	3	4	3	3	3	3	3	2	2	2
Gasoline (petrol)	1	1	1	1	1	1	1	1	1	1
Glycerol	1	2	1	1	1	1	1	1	1	1
Heptane	1	1	1	1	1	1	1	1	1	1
Hexane	1	1	1	1	1	1	1	1	1	1
Hexanol	1	1	1	1	1	1	1	1	1	1

CHEMICAL	101	106	107	201	202	203	204	205	206	207
Hydrobromic Acid 0-10%	1	3	1	1	1	1	1	1	1	1
Hydrobromic Acid 40%	3	3	3	3	3	1	3	3	2	3
Hydrochloric Acid 0-10%	1	3	1	1	1	1	1	2	1	2
Hydrochloric Acid 10-20%	1	3	3	1	1	1	1	2	1	2
Hydrochloric Acid 36%	3	4	4	3	3	3	3	2	2	3
Hydrofluoric Acid 10%	3	3	3	3	3	3	3	3	2	3
Hydrofluoric Acid 20%	4	4	4	4	4	4	4	4	3	3
Hydraulic Oil	1	1	1	1	1	1	1	1	1	1
Iso Propyl Ether	1	2	2	1	1	1	1	1	1	1
Iso Octane	1	1	1	1	1	1	1	1	1	1
Kerosine	1	1	1	1	1	1	1	1	1	1
Lactic Acid 10%	2	4	3	2	2	2	2	3	2	3
Lemon Juice	2	3	2	2	2	2	2	2	2	2
Lime Water	1	1	1	1	1	1	1	1	1	1
LPG	1	1	1	1	1	1	1	1	1	1
Lubricating Oil	1	1	1	1	1	1	1	1	1	1
Magnesium Chloride	1	1	1	1	1	1	1	1	1	1
Magnesium Hydroxide	1	1	1	1	1	1	1	1	1	1
Magnesium Sulphate	1	1	1	1	1	1	1	1	1	1
Maleic Acid	2	3	2	2	2	2	2	2	2	2
Mercury	1	1	1	1	1	1	1	1	1	1
Methane	1	1	1	1	1	1	1	1	1	1
Methyl Acetate	1	3	3	1	1	1	1	1	1	1
Methyl Alcohol	3	3	3	3	3	3	3	1PC	2PC	2PC
Methylene Chloride	4	4	4	4	4	4	4	1PC	2PC	2PC
Methyl Ethyl Ketone	2	4	4	2	2	2	2	1	1	1
Molasses	1	1	1	1	1	1	1	1	1	1
Naptha	1	2	1	1	1	1	1	1	1	1
Natural Gas	1	1	1	1	1	1	1	1	1	1
Nitric Acid 0-10%	1	3	2	1	1	1	1	2	1	1
Nitric Acid 10-20%	2	3	3	2	2	2	2	2	1	1
Nitric Acid +20%	4	4	4	4	4	4	4	2	1	2
Nitrous Acid 0-10%	1	2	2	1	1	1	1	2	1	1
Octane	1	1	1	1	1	1	1	1	1	1
Oleum	4	4	4	4	4	4	4	2	1	2
Oleic Acid	2	2	2	2	2	2	2	2	2	2
Orange Juice	1	1	1	1	1	1	1	1	1	1

**CHEMICAL RESISTANCE CHART FOR RESIMETAL PRODUCTS**

CHEMICAL	101	106	107	201	202	203	204	205	206	207
Parafin	1	1	1	1	1	1	1	1	1	1
Parafin Wax	1	1	1	1	1	1	1	1	1	1
Palmitic Acid	2	2	2	2	2	2	2	2	2	2
Palm Oil	1	1	1	1	1	1	1	1	1	1
Petrol	1	1	1	1	1	1	1	1	1	1
Petroleum Oil	1	1	1	1	1	1	1	1	1	1
Phenol (100%)	4	4	4	4	4	3	4	3	4	3
Phenol (10%)	3	3	3	3	3	3	3	3	3	3
Phosphoric Acid 0-10%	2	2	2	2	2	2	2	2	1	1
Phosphoric Acid 80%	3	3	3	3	3	3	3	2	1	2
Potassium Bromide	1	1	1	1	1	1	1	1	1	1
Potassium Carbonate	1	1	1	1	1	1	1	1	1	1
Potassium Chlorate	1	1	1	1	1	1	1	1	1	1
Potassium Chloride	1	1	1	1	1	1	1	1	1	1
Potassium Diphosphate	1	1	1	1	1	1	1	1	1	1
Potassium Hydroxide 10%	1	1	1	1	1	1	1	1	1	1
Potassium Hydroxide 20%	1	2	2	1	1	1	1	1	1	1
Potassium Iodide	1	1	1	1	1	1	1	1	1	1
Potassium Nitrate	1	1	1	1	1	1	1	1	1	1
Potassium Sulphate	1	1	1	1	1	1	1	1	1	1
Potassium Sulphide	1	1	1	1	1	1	1	1	1	1
Propane	1	1	1	1	1	1	1	1	1	1
n-Propanol	1	1	1	1	1	1	1	1	1	1
iso-Propanol	1	1	1	1	1	1	1	1	1	1
Propylene Glycol	1	2	1	1	1	1	1	1	1	1
Propylene Glycol Methyl Ether	2	3	3	2	2	2	2	2	2	2
Propylene Glycol Methyl Ether Acetate	2	3	3	2	2	2	2	2	2	2
Sewage	1	2	1	1	1	1	1	1	1	1
Sodium Bicarbonate	1	1	1	1	1	1	1	1	1	1
Sodium Bisulphate	1	1	1	1	1	1	1	1	1	1
Sodium Borate	1	1	1	1	1	1	1	1	1	1
Sodium Bromide	1	1	1	1	1	1	1	1	1	1
Sodium Carbonate	1	1	1	1	1	1	1	1	1	1
Sodium Chlorate	1	1	1	1	1	1	1	1	1	1
Sodium Chloride	1	1	1	1	1	1	1	1	1	1
Sodium Chromate	1	1	1	1	1	1	1	1	1	1
Sodium Hydroxide 10%	1	2	1	1	1	1	1	1	1	1
Sodium Hydroxide 40%	1	3	3	1	1	1	1	1	1	1
Sodium Hypochlorite (bleach)	2	3	3	2	2	2	2	2	2	2
Sodium Nitrate	1	1	1	1	1	1	1	1	1	1

CHEMICAL	101	106	107	201	202	203	204	205	206	207
Sodium Silicate	1	1	1	1	1	1	1	1	1	1
Sodium Sulphate	1	1	1	1	1	1	1	1	1	1
Starch	1	1	1	1	1	1	1	1	1	1
Styrene	1	2	2	1	1	1	1	1	1	1
Sulphuric Acid 0-10%	1	3	1	1	1	1	1	2	1	1
Sulphuric Acid 10-20%	2	3	2	2	2	2	2	2	1	1
Sulphuric Acid +20%	3	4	3	3	3	3	3	2	1	2
Sulphuric Acid 98%	4	4	4	4	4	4	4	2	1	2
Sulphur Dioxide gas dry	1	1	1	1	1	1	1	2	1	1
Tar	2	2	2	2	2	2	3	2	2	2
Tetrachlorethylene	2	3	3	2	2	2	2	2	2	2
Toluene	1	2	2	1	1	1	1	1	1	1
Transformer Oil	1	1	1	1	1	1	1	1	1	1
Tri Butyl Phosphate	1	1	1	1	1	1	1	1	1	1
Trichloroethylene	2	3	3	2	2	2	2	2	2	2
Urea	1	1	1	1	1	1	1	1	1	1
Vinegar	1	1	1	1	1	1	1	1	1	1
Water	1	1	1	1	1	1	1	1	1	1
Waxes	1	1	1	1	1	1	1	1	1	1
Whiskey	2	3	3	2	2	2	2	1	1	1
White Spirit	1	1	2	1	1	1	1	1	1	1
Xylene	1	2	2	1	1	1	1	1	1	1
Zinc Chloride	1	1	1	1	1	1	1	1	1	1
Zinc Hydrosulphite	1	1	1	1	1	1	1	1	1	1
Zinc Sulphate	1	1	1	1	1	1	1	1	1	1

**Symbols**

- 1. Suitable for continuous immersion at 20°C
  - 2. Suitable for short term immersion ( 3 days maximum) at 20°C
  - 3. Suitable for short term contact, ie. quickly removed splashes or spills
  - 4. Not suitable for contact
- PC – optimal post cure required

The above information is provided for guidance only. Factors such as temperature, pressure and fluid dynamics can affect ultimate performance. Please refer to Resimac Technical Service Centre for advice regarding specific situations.