

MONARCH INDUSTRIAL PRODUCTS (I) PVT LTD- THENI														
CHEMICAL RESISTANCE CHART- MRP( Metal Recalation Putties )														
S.NO	General Purpose Putties					SPECIAL PURPOSE				HIGH TEMPERATURE PUTTIES TILL 230°C		UNDER PRESSURE LEAK ARREST PUTTIES		
	Saves Past TP	Saves Past SP	Saves Past CP	Saves Past CCP	Saves Past FP	Saves Past AP	Saves Past BP	Saves Past CUP	Saves Past SSP	Saves Past HTCP	Saves Past HTTP	Zero down Time ETP	Zero Down Time UWP	
1	Acetone	3	2	3	3	1	2	2	2	2	3	3	2	2
2	Ammonium Hydroxide 10-20%	5	3	5	5	4	3	3	3	3	5	5	3	3
3	Ammonium Hydroxide 20%+	4	3	5	5	3	3	3	3	3	5	4	3	3
4	Apple Juice	5	4	5	5	4	4	4	4	4	5	5	4	4
5	Asphalt Liquid	5	5	5	5	-	5	5	5	5	5	5	3	5
7	Benzene	5	4	5	5	2	4	4	4	4	5	5	4	4
8	Benzoic Acid	5	3	5	5	-	3	3	3	3	5	5	3	3
9	Brake Fluid (guide)	5	5	5	5	4	5	5	5	5	5	5	3	5
10	Chlorine (wet)	3	2	3	3	1	2	2	2	2	3	3	2	2
11	Carbon Tetrachloride (wet/dry)	4	3-4	4	4	1	3-4	3-4	3-4	3-4	4	4	3-4	3-4
12	Corn Oil	5	5	5	5	4	5	5	5	5	5	5	3	5
13	Di-Ethyl Ether	4	3	4	4	2	3	3	3	3	4	4	3	3
14	Diesel Oil	5	5	5	5	3	5	5	5	5	5	5	3	5
15	Ethylene Glycol	5	4	5	5	3	4	4	4	4	5	5	4	4
16	Ferric Chloride (wet)	5	5	5	5	4	5	5	5	5	5	5	3	5
17	Flourine	4	3	4	4	1	3	3	3	3	4	4	3	3
18	Formic Acid	3	1	3	3	-	1	1	1	1	3	3	1	1
19	Freon	5	4	5	5	1	4	4	4	4	5	5	4	4
20	Lime Water	5	5	5	5	5	5	5	5	5	5	5	3	5
21	LPG	5	5	5	5	-	5	5	5	5	5	5	3	5
22	Lubricating Oil	5	5	5	5	2	5	5	5	5	5	5	3	5
23	Methylene Chloride	2	2	2	2	1	2	2	2	2	2	2	2	2
24	Molybdenum Disulphide	5	5	5	5	5	5	5	5	5	5	5	3	5
25	Nitric Acid 10-20%	3	2	3	3	1	2	2	2	2	3	3	2	2
26	Nitric Acid 20%+	2	1	2	2	1	1	1	1	1	2	2	1	1
27	Petrol	5	5	5	5	4	5	5	5	5	5	5	3	5
28	Phenol (100%)	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Phenol (10% solution)	5	4	5	5	2	4	4	4	4	5	5	4	4
30	Phosphoric Acid (dilute)	3-4	2-3	3-4	3-4	2-3	2-3	2-3	2-3	2-3	3-4	3-4	2-3	2-3
31	Potassium Hydroxide 20%	5	4	5	5	4	4	4	4	4	5	5	4	4
32	Potassium Hydroxide 20%+	4	3	4	4	3	3	3	3	3	4	4	3	3
33	Silicone Oil	5	5	5	5	5	5	5	5	5	5	5	3	5
34	Sodium Chloride	5	5	5	5	5	5	5	5	5	5	5	3	5
35	Sodium Hypochloride	5	4	5	5	3	4	4	4	4	5	5	4	4
36	Tetrachloro ethylene	4	3	4	4	1	3	3	3	3	4	4	3	3
37	Transformer Oil (guide)	5	5	5	5	2	5	5	5	5	5	5	3	5
38	Urea	5	5	5	5	5	5	5	5	5	5	5	3	5
39	Uric Acid	5	5	5	5	5	5	5	5	5	5	5	3	5
40	Water (distilled, mineral, sea brine, fresh etc)	5	5	5	5	5	5	5	5	5	5	5	3	5
41	Xylene	5	4	5	5	2	4	4	4	4	5	5	4	4
42	Kerosene	5	4	4	4	4	4	4	4	4	4	4	4	4
43	Methonal	5	3	3	3	4	3	3	3	3	3	3	3	3
44	Toulene	5	3	3	3	1	4	4	4	4	4	4	4	4
45	NER	4	4	4	4	2	4	4	4	4	4	4	2	4
46	Chlorinated Solvents	4	2	3	3	1	3	3	3	3	3	3	1	3
47	Hydrochloric Acid 0-10%	4	3	4	4	4	3	3	3	3	5	5	3	3
48	Hydrochloric Acid 10-20%	3	2	3	3	4	2	2	2	2	4	4	3	2
49	Hydrochloric Acid 20% +	2	2	2	2	4	2	2	2	2	3	3	2	2
50	Sulphuric Acid 0-10%	5	3	5	5	4	3	3	3	3	5	5	3	3
51	Sulphuric Acid 10-20%	4	2	4	4	2	2	2	2	2	4	4	2	2
52	Sulphuric Acid 20% +	3	1	4	4	2	4	4	4	4	4	4	1	3
53	Acetic Acid Dilute	5	2	5	3	3	2	2	2	2	5	5	2	1
54	Glycial Acetic Acid Dilute	1	1	1	1	2	1	1	1	1	1	1	1	1
55	Sodium Hydroxide 0-10%	5	4	5	4	4	1	1	1	1	4	4	4	4
56	Sodium Hydroxide 10-20%	5	4	4	4	4	1	1	1	1	4	4	4	4
57	Sodium Hydroxide -20% +	4	3	4	3	4	2	2	2	2	4	4	3	3
58	Ammoia	5	4	5	4	4	4	4	4	4	5	5	4	4

**5** - Excellent may be suitable for long term immersion  
**4** - Good, suitable for medium term or intermittent contact  
**3** - Fair, suitable for intermittent contact only  
**2** - Poor, suitable for splash contact with immediate clean-up only  
**1** - Not recommended