CHEMICAL RESISTANCE GUIDE (Natural Rubber, Nitrile and Neoprene)

No.	CHEMICAL	DEGRADATION RATING		
		NATURAL RUBBER	NITRILE	NEOPRENE
1	Acetaldehyde	E	NR	E
2	Acetic Acid 50%	E	E	E
3	Acetone	E	NR	G
4	Ammonium Carbonate	E	E	E
5	Ammonium Chloride	E	E	E
6	Ammonium Fluoride	E	E	E
7	Ammonium Hydroxide	E	E	E
8	Amyl Acetate	NR	F	F
9	Amyl Alcohol	F	G	G
10	Aniline	G	F	G
11	Animals Fats	F	E	E
12	Benzaldehyde	NR	F	F
13	Benzene	NR	F	NR
14	Benzyl Alcohol	F	G	G
15	Bleach	E	E	E
16	Borax	E	E	E
17	Butoxyethanol	G	E	E
18	Butyl Acetate	NR	F	F
19	Butyl Alcohol	E	E	E
20	Calcium Chloride	E	E	E
21	Calcium Hydroxide	F	E	E
22	Calcium Hyphochlorate	E	E	E
23	Car Petrol	NR	E	G
24	Carbon Tetrachloride	NR	G	F
25	Castor Oil	NR	E	F
26	Chlorine	NR	E	E
27	Chloroform	NR	G	NR
28	Chromic Acid	F	F	G
29	Citric Acid	E	E	E
30	Concentrated Ammonia	E	E	E
31	Concentrated Boric Acid	E	E	E
32	Cyclohexane	NR	E	E
33	Cyclohexanol	E	E	E
34	Cyclohexanone	F	NR	F
35	Diacetone Alcohol	E	F	E
36	Dibutyl Phtalate	G	E	G
37	Dibutylether	NR	E	F
38	Diethanolamine	E	E	E
39	Diesel Oils	NR	E	F
40	Ethyl Acetate	NR	F	F

41	Ethyl Alcohol (Ethanol)	G	E	E
42	Ethylamine	F	E	F
43	Ethylaniline	F	E	E
44	Ethylene Glocol	E	E	E
45	Fertilizers	E	E	E
46	Fixing Salts	E	E	E
47	Formaldehyde at 30%	E	E	E
48	Formic Acid at 90%	NR	F	G
49	Fuel Oil	NR	E	F
50	Fuels	NR	E	F
51	Gas Oil	NR	E	F
52	Glycerophtalic Paint	NR	E	F
53	Glycols	E	E	E
54	Hexane	NR	E	F
55	Household Detergents	G	G	E
56	Hydraulic Fluids (Esters)	E	E	E
57	Hydraulic Oils	NR	E	F
58	Hydrochloric Acid, 48%	E	E	E
59	Hydrogen Peroxide, 30%	E	E	E
60	Isobutyl Alcohol	E	E	E
61	Isobutyl Ketone	E	NR	E
62	Kerosene	NR	E	F
63	Lactic Acid, 85%	E	E	E
64	Lauric Acid, 36%	E	E	E
65	Methyl Alcohol (Methanol)	E	E	E
66	Methylamine	E	E	G
67	Methyl Ethyl Ketone	F	NR	F
68	N-butylamine	E	E	E
69	Nitric Acid, 10%	G	E	E
70	Nitrobenzene	F	NR	NR
71	Nitropropane	E	F	G
72	Oleic Acid	F	E	E
73	Oxalic Acid	E	E	E
74	Perchloroethylene	NR	G	F
75	Petroleum Ether	NR	E	G
76	Petroleum Products	NR	G	F
77	Phenol (Phenic Acid)	F	G	G
78	Phosphoric Acid 75%	E	E	E
79	Potassium Acetate	E	E	E
80	Potassium Permanganate	E	E	E
81	Propyl Acetate	F	NR	F
82	Rubber Solvent	NR	E	E
83	Sodium Hypochlorate	E	E	E
84	Styrene	NR	F	F
85	Sulphuric Acid 95%	NR	NR	F

86	Sulphuric Ether (Pharmacy)	F	E	E
87	Tetrahydrofurance	F	NR	F
88	Toluene	NR	G	F
89	Trichlorethylene	NR	F	F
90	Turpentine	NR	E	F
91	Vinyl Chloride Gas	NR	NR	NR
92	Xylene	NR	E	F

Key to Degradation Rating

E	Excellent
G	Good
F	Fair
NR	Not Recommended

For further information, kindly contact:

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