

Chemical resistance chart

Chemical Environment	Concentration	OCV	ICV	VCY
Acetic Acid	10%	C	C	C
Acetic Acid	25%	S	C	C
Acetic Acid	50%	I	S	C
Acetone	25%	NR	NR	NR
Acetone	100%	NR	NR	I
Aluminum Chloride	-	C	C	C
Aluminum Hydroxide	5%	I	S	C
Aluminum Sulphate	100%	C	C	C
Ammonium Chloride	-	C	C	C
Ammonium Hydroxide	5%	NR	I	C
Ammonium Sulphate	-	C	C	C
Benzene	-	NR	NR	I
Calcium Bisulphite	-	S	C	C
Calcium Hypochlorite	10%	NR	S	C
Calcium Hypochlorite	20%	NR	I	C
Carbon Tetrachloride	-	I	I	S
Chlorinated Water (bleach)	-	I	S	C
Chlorine Wet Gas	-	NR	NR	C
Chloroacetic Acid	50%	NR	NR	I
Chlorobenzene	100%	NR	NR	NR
Chloroform	100%	NR	NR	NR
Chromic Acid	10%	I	S	C
Chromic Acid	20%	NR	NR	S
Chromic Acid	30%	NR	NR	NR
Citric Acid	100%	C	C	C
Copper Sulfate	-	S	C	C
Crude Petroleum	-	C	C	C
Cyclohexane	-	N	NR	S
Detergents Sulfonated	-	I	S	C
Dichloro Benzene	-	NR	NR	NR
Ethanol	100%	I	S	C
Ferric Chloride	100%	C	C	C
Ferric Sulphate	10%	C	C	C
Formaldehyde	44%	I	S	C
Formic Acid	30%	I	S	C
Fuel (diesel, jet, gasoline)	-	S	C	C
Fuel Oil	44%	C	C	C
Glycerine	100%	C	C	C

C = Continuous exposure

S = Frequent exposure to splashes and spills

I = Infrequent exposure to splashes and spills (immediately cleaned up)

N = Not recommended

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Chemical Environment	Concentration	OCV	ICV	VCY
Heptane	100%	I	S	C
Hexane	100%	I	S	C
Hydrobromic Acid	25%	S	C	C
Hydrobromic Acid	50%	I	S	C
Hydrochloric Acid	20%	I	S	C
Hydrochloric Acid Concentrated	37%	I	S	S
Hydrofluoric Acid	-	NR	NR	NR
Hydrogen Peroxide	30%	NR	NR	C
Kerosene	-	T	S	C
Lactic Acid	-	S	C	C
Mercuric Chloride	-	S	C	C
Methanol	-	NR	I	C
Methyl Chloride	Liquid or gas	NR	NR	NR
Naphtha	100%	C	C	C
Nitric Acid	5%	S	C	C
Nitric Acid	20%	I	S	C
Nitric Acid	35%	NR	NR	C
Nitric Acid Fumes	-	NR	NR	NR
Ozone (sewage treatment)	100%	C	C	C
Phosphoric Acid	10%	C	C	C
Phosphoric Acid	75%	S	C	C
Sea Water	-	C	C	C
Sodium Chloride	Saturated	C	C	C
Sodium Hydroxide	25%	NR	I	C
Sodium Hydroxide	50%	NR	I	C
Sodium Hypochlorite	10%	I	S	C
Sulphuric Acid	10%	S	C	C
Sulphuric Acid	25%	I	S	C
Sulphuric Acid	50%	NR	I	C
Sulphuric Acid	75%	NR	I	S
Toluene	100%	NR	-	I
Trisodium Phosphate	50%	I	S	C
Urea	-	I	S	C
Water (fresh, salt, deionized)	100%	C	C	C
Xylene	-	NR	NR	NR
Zinc Chlorate	-	S	C	C
Zinc Sulphate	-	S	C	C

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