Elastomer Chemical Resistance Guide

Elastomers	NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FF
yde	2	3	1	1	4	-	-	3	3	-	4	4	3	2	-	4	-	4	3	
e	4	4	1	1	1	1	-	2	2	-	4	4	4	2	-	1	1	2	1	
d, Glacial	2	2	2	1	3	2	4	4	3	1	4	4	2	2	4	4	-	3	3	
d, 30%	2	2	2	1	2	-	2	1	2	1	4	4	2	1	4	2	-	2	1	
hydride	2	2	2	2	3	4	4	2	1	1	4	4	2	3	4	4	2	4	4	
	3	3	1	1	4	4	4	3	2	1	4	4	3	3	4	4	4	4	4	
none	4	4	1	1	4	4	4	4	4	-	4	4	4	4	-	4	-	4	4	
loride	4	4	4	4	4	4	-	4	4	1	4	4	4	3	-	1	-	1	1	
e	2	2	1	1	1	-	-	2	2	-	4	4	3	2	-	1	-	1	1	
ile	4	4	4	4	4	4	-	4	3	1	4	4	4	4	-	2	-	3	4	
d	1	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	-	1	1	
(Dibromoethylbenzene)	4	4	4	4	4	-	-	4	4	-	4	4	3	4	-	2	-	2	2	
3-Cr-K (aq)	1	1	1	1	1	1	-	1	1	-	-	4	4	1	-	4	1	4	-	
n Acetate (aq)	1	1	1	1	2	-	2	2	1	1	4	4	4	4	-	4	-	4	4	
n Chloride (aq)	1	1	1	1	1	1	1	1	1	1	3	1	4	2	-	1	-	1	1	
n Fluoride (aq)	2	2	1	1	1	1	1	1	1	-	3	-	4	2	-	1	-	1	1	
n Nitrate (aq)	1	1	1	1	1	1	1	1	1	-	3	-	2	2	-	-	-	1	1	
n Phosphate (aq)	1	1	1	1	1	1	1	1	1	-	-	-	-	1	-	-	-	1	1	
n Sulfate (aq)	1	1	1	1	1	1	-	1	1	-	4	4	4	1	-	1	-	1	1	
Anhydrous	4	4	1	1	1	-	-	1	2	-	4	4	-	3	-	4	-	4	4	
Gas (cold)	1	1	1	1	1	-	-	1	1	-	4	4	1	-	-	4	1	4	4	
Gas (	4	4	2	2	2	-	-	2	2	-	4	4	-	-	-	4	-	4	4	
m Ca	1	1	1	-	4	4	2	1	-	-	4	4	-	-	-	-	1	1	1	
m Ch	1	1	1	1	1	1	1	1	1	1	1	-	1	-	-	-	-	1	1	
m Hydr (conc.)	4	4	1	1	4	-	2	1	1	1	4	4	1	1	-	2	-	2	1	
m Nitrate (aq)	1	1	1	1	1	1	1	1	1	1	1	-	1	1	-	-	-	1	1	
m Nitrite (aq)	1	1	1	1	1	1	1	1	1	1	1	-	1	1	-	-	-	1	1	
m Persulfate (aq)	1	1	1	1	4	4	1	1	1	1	4	-	1	1	-	-	-	1	1	
m Phosphate (aq)	1	1	1	1	1	1	-	1	1	1	1	-	1	1	-	-	-	1	1	
m Sulfate (aq)	1	1	1	1	1	1	-	1	1	1	1	4	4	-	-	-	-	2	1	
tate (Banana Oil)	4	4	3	3	4	4	4	4	4	3	4	4	4	4	-	4	-	4	4	
hol	2	2	1	1	2	2	1	2	1	1	4	4	2	4	4	1	-	2	1	
ate	4	4	4	4	1	1	-	1	1	-	-	-	1	-	-	-	-	1	1	
ronapthalene	4	4	4	4	4	4	-	4	4	-	4	4	3	4	-	2	-	1	1	
thalene	4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	1	-	1	1	
	4	4	1	1	4	-	4	4	3	2	4	4	4	4	-	3	1	3	1	
ves	2	2	2	1	4	4	-	2	2	-	4	4	4	3	-	2	-	2	1	
ydrochloride	2	4	2	2	2	-	-	4	4	-	4	4	4	4	-	2	-	2	1	
ts	4	4	2	2	1	1	1	2	2	-	1	1	4	2	1	1	-	1	1	
er (Anesthetics)	4	4	3	3	3	3	-	4	4	-	2	4	1	4	-	3	-	4	4	
ia	4	4	4	3	4	4	-	4	2	2	4	4	4	4	-	3	-	2	1	
248	4	4	3	3	3	3	-	4	1	-	4	4	4	2	-	2	-	1	1	
254	4	4	4	3	4	4	-	4	4	-	4	4	4	3	-	2	-	1	1	
260	1	1	1	1	1	1	-	1	1	-	4	4	1	2	-	1	-	1	1	
cid	2	1	1	1	1	1	1	1	1	1	3	3	1	1	-	1	-	1	1	
richloride (aq)	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
	4	4	4	4	2	-	-	4	-	-	4	4	4	4	-	2	-	1	1	
	4	4	4	4	2	-	-	3	-	-	2	2	1	4	2	2	-	1	1	

AERO RUBBER COMPANY®, INC.

Chemical Resistance Guide

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

Elastomers		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
A																					
Acetaldehyde		2	3	1	1	4	-	-	3	3	-	4	4	3	2	-	4	-	4	3	1
Acetamide		4	4	1	1	1	1	-	2	2	-	4	4	4	2	-	1	1	2	1	1
Acetic Acid, Glacial		2	2	2	1	3	2	4	4	3	1	4	4	2	2	4	4	-	3	3	1
Acetic Acid, 30%		2	2	2	1	2	-	2	1	2	1	4	4	2	1	4	2	-	2	1	1
Acetic Anhydride		2	2	2	2	3	4	4	2	1	1	4	4	2	3	4	4	2	4	4	1
Acetone		3	3	1	1	4	4	4	3	2	1	4	4	3	3	4	4	4	4	4	1
Acetophenone		4	4	1	1	4	4	4	4	4	-	4	4	4	4	-	4	-	4	4	1
Acetyl Chloride		4	4	4	4	4	4	-	4	4	1	4	4	4	3	-	1	-	1	1	1
Acetylene		2	2	1	1	1	-	-	2	2	-	4	4	3	2	-	-	-	1	1	1
Acrylonitrile		4	4	4	4	4	4	-	4	3	1	4	4	4	4	-	4	-	3	4	1
Adipic Acid		1	1	1	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	1	1
Alkazene (Dibromoethylbenzene)		4	4	4	4	4	-	-	4	4	-	4	4	3	4	-	2	-	2	2	1
Alum-NH3-Cr-K (aq)		1	1	1	1	1	1	-	1	1	-	-	4	4	1	-	4	1	4	-	-
Aluminum Acetate (aq)		1	2	1	1	2	-	2	2	1	1	4	4	4	4	-	4	-	4	4	1
Aluminum Chloride (aq)		1	1	1	1	1	1	1	1	1	1	3	1	4	2	-	1	-	1	1	1
Aluminum Fluoride (aq)		2	1	1	1	1	1	1	1	1	-	3	-	4	2	-	1	-	1	1	1
Aluminum Nitrate (aq)		1	1	1	1	1	1	1	1	1	-	3	-	2	2	-	-	-	1	1	1
Aluminum Phosphate (aq)		1	1	1	1	1	1	1	1	1	-	-	-	-	1	-	-	-	1	1	1
Aluminum Sulfate (aq)		1	1	1	1	1	1	-	1	1	-	4	4	4	1	-	1	-	1	1	1
Ammonia Anhydrous		4	4	1	1	2	2	-	1	2	-	4	4	-	3	-	4	-	4	4	1
Ammonia Gas (cold)		1	1	1	1	1	1	-	1	1	-	3	4	1	1	-	4	1	4	4	1
Ammonia Gas (hot)		4	4	2	2	4	4	-	2	2	-	4	4	4	1	-	4	-	4	4	1
Ammonium Carbonate (aq)		1	1	1	-	4	4	2	1	-	-	4	4	-	-	-	-	1	1	1	1
Ammonium Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	-	1	-	-	-	-	1	1	1
Ammonium Hydroxide (conc.)		4	4	1	1	4	-	2	1	1	1	4	4	1	1	-	2	-	2	1	1
Ammonium Nitrate (aq)		3	2	1	1	1	1	1	1	1	-	4	2	-	-	-	-	1	1	1	1
Ammonium Nitrite (aq)		1	1	1	1	1	1	-	1	1	-	-	-	-	2	-	-	-	1	1	1
Ammonium Persulfate (aq)		1	4	1	1	4	4	-	1	1	-	4	4	-	-	-	-	-	1	1	1
Ammonium Phosphate (aq)		1	1	1	1	1	-	-	1	1	1	-	-	1	1	-	-	-	1	1	1
Ammonium Sulfate (aq)		1	1	1	1	1	1	-	1	1	1	1	4	4	-	-	-	-	2	1	1
Amyl Acetate (Banana Oil)		4	4	3	3	4	4	4	4	4	3	4	4	4	4	-	4	-	4	4	1
Amyl Alcohol		2	2	1	1	2	2	1	2	1	1	4	4	2	4	4	1	-	2	1	1
Amyl Borate		4	4	4	4	1	1	-	1	1	-	-	-	1	-	-	-	-	1	1	1
Amyl Chloronapthalene		4	4	4	4	4	4	-	4	4	-	4	4	3	4	-	2	-	1	1	1
Amyl Napthalene		4	4	4	4	4	4	-	4	4	-	4	2	3	4	-	1	-	1	1	1
Aniline		4	4	1	1	4	-	4	4	3	2	4	4	4	4	-	3	1	3	1	1
Aniline Dyes		2	2	2	1	4	4	-	2	2	-	4	4	2	3	-	2	-	2	1	1
Aniline Hydrochloride		2	4	2	2	2	-	-	4	4	-	4	4	4	4	-	2	-	2	1	1
Animal Fats		4	4	2	2	1	1	1	2	2	-	1	1	4	2	1	1	-	1	1	1
Ansul Ether (Anesthetics)		4	4	3	3	3	3	-	4	4	-	2	4	1	4	-	3	-	4	4	1
Aqua Regia		4	4	4	3	4	4	-	4	2	2	4	4	4	4	-	3	-	2	1	1
Aroclor, 1248		4	4	3	3	3	3	-	4	1	-	4	4	4	2	-	2	-	1	1	1
Aroclor, 1254		4	4	4	3	4	4	-	4	4	-	4	4	4	3	-	2	-	1	1	1
Aroclor, 1260		1	1	1	1	1	1	-	1	1	-	4	4	1	2	-	1	-	1	1	1
Arsenic Acid		2	1	1	1	1	1	1	1	1	1	3	3	1	1	-	1	-	1	1	1
Arsenic Trichloride (aq)		4	4	3	3	1	1	-	1	-	-	-	-	-	-	-	-	-	4	4	1
Askarel		4	4	4	4	2	2	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Asphalt		4	4	4	4	2	-	1	2	2	-	2	2	1	4	2	2	-	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

B		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Banana Oil (Amyl Acetate)		4	4	3	3	4	4	4	4	4	3	4	4	4	4	-	4	-	4	4	1
Barium Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1
Barium Hydroxide (aq)		1	1	1	1	1	1	1	1	1	1	4	4	1	1	-	1	-	1	1	1
Barium Sulfate (aq)		1	1	1	1	1	1	1	1	1	-	1	4	1	1	-	1	-	1	1	1
Barium Sulfide (aq)		1	2	1	1	1	1	1	1	1	-	1	4	2	1	-	1	-	1	1	1
Beer		1	1	1	1	1	1	1	1	1	-	2	4	4	1	-	1	-	1	1	1
Beet Sugar Liquors		1	1	1	1	1	1	-	2	1	-	4	4	4	1	-	1	-	1	1	1
Benzaldehyde		4	4	1	1	4	4	4	4	1	3	4	4	4	2	-	3	2	4	4	1
Benzene		4	4	4	4	4	4	4	4	4	3	3	4	3	4	4	3	3	1	1	1
Benzene Sulfonic Acid		4	4	4	3	4	-	-	2	1	-	4	4	4	4	-	2	-	1	1	1
Benzine (Ligroin		4	4	4	4	1	-	-	2	3	-	2	1	1	4	-	1	-	1	1	1
(Nitrobenzine) (Pet Ether)																					
Benzoic Acid		4	4	4	3	3	-	-	4	4	2	4	3	2	3	-	2	-	1	1	1
Benzoyl Chloride		4	4	4	4	4	-	-	4	4	4	-	4	4	-	-	2	-	2	1	1
Benzyl Alcohol		4	4	1	1	4	-	-	2	2	1	4	4	4	2	4	2	1	1	1	1
Benzyl Benzoate		4	4	2	2	4	-	-	4	4	-	-	4	4	-	-	1	-	1	1	1
Benzyl Chloride		4	4	4	4	4	-	-	4	4	4	4	4	4	4	-	2	1	1	1	1
Biphenyl (Diphenyl) (Phenylbenzene)		4	4	4	4	4	4	-	4	4	-	4	4	2	4	4	2	-	1	1	1
Blast Furnace Gas		4	4	4	4	4	4	-	4	4	-	4	4	4	1	-	2	-	1	1	1
Bleach Solutions		4	4	1	1	4	2	-	4	1	-	4	4	4	2	-	2	1	1	1	1
Borax		2	2	1	1	2	1	-	1	1	-	1	2	4	2	-	2	-	1	1	1
Bordeaux Mixture		2	2	1	1	2	-	-	2	1	-	4	4	4	2	-	2	-	1	1	1
Boric Acid		1	1	1	1	1	1	1	1	1	-	1	4	1	1	-	1	-	1	1	1
Brine		1	1	1	1	1	1	-	1	1	1	2	4	4	1	-	1	-	1	1	1
Bromine-Anhydrous		4	4	4	4	4	-	-	4	4	-	4	4	2	4	-	2	-	1	1	1
Bromine Trifluoride		4	4	4	4	4	4	4	4	4	-	4	4	4	4	-	4	-	4	4	1
Bromine Water		4	4	3	2	4	3	-	4	1	-	4	4	2	4	-	2	-	1	1	1
Bromobenzene		4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	1	-	1	1	1
Bunker Oil		4	4	4	4	1	1	-	4	4	-	2	1	1	2	1	1	-	1	1	1
Butadiene		4	4	4	3	4	-	4	4	3	-	4	4	3	4	-	2	-	1	1	1
Butane		4	4	4	4	1	1	1	1	2	-	1	1	1	4	1	1	-	1	1	1
Butter (Animal Fat)		4	4	2	1	1	1	1	2	2	-	1	1	4	2	1	1	-	1	1	1
Butyl Acetate		4	4	3	3	4	-	4	4	4	4	4	4	3	4	-	4	4	4	4	1
Butyl Acetyl Riconoleate		4	4	1	1	3	2	-	2	2	-	4	-	-	-	-	2	-	1	1	1
Butyl Acrylate		4	4	4	4	4	4	-	4	4	2	-	4	2	-	-	4	-	4	4	1
Butyl Alcohol		1	1	2	2	1	1	-	1	1	1	4	4	2	2	4	2	1	1	1	1
Butyl Amine		4	4	3	2	3	3	-	4	4	3	4	4	4	4	-	4	-	4	4	1
Butyl Benzoate		3	2	2	2	4	-	-	4	4	-	-	4	4	-	-	1	-	1	1	1
Butyl Carbitol		4	4	1	1	4	4	-	3	2	1	-	4	4	4	4	4	-	3	2	1
Butyl Cellosolve		4	4	1	1	3	3	-	3	2	1	4	4	-	-	4	4	-	4	4	1
Butyl Oleate		4	4	2	2	4	4	-	4	4	-	-	-	-	-	-	2	-	1	1	1
Butyl Stearate		4	4	3	3	2	2	-	4	4	4	-	-	1	-	-	2	1	1	1	1
Butylene		4	4	4	4	2	4	-	3	4	-	4	4	2	4	-	2	-	1	1	1
Butyraldehyde		4	4	2	2	4	-	-	3	4	4	4	4	3	4	-	4	-	4	4	1

C		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Calcium Acetate (aq)		1	4	1	1	2	2	-	2	2	1	4	4	4	4	-	4	1	4	4	1
Calcium Bisulfite (aq)		4	4	4	4	4	1	-	1	1	-	1	4	4	1	-	1	-	1	1	1
Calcium Chloride (aq)		1	1	1	1	1	1	1	1	1	-	1	1	1	1	-	1	1	1	1	1
Calcium Hydroxide (aq)		1	1	1	1	1	1	1	1	1	1	1	4	4	1	-	1	1	1	1	1
Calcium Hypochlorite (aq)		3	3	1	1	2	2	2	3	1	1	4	4	4	2	-	2	1	1	1	1
Calcium Nitrate (aq)		1	1	1	1	1	1	1	1	1	1	1	1	1	2	-	1	1	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Calcium Sulfide (aq)		2	2	1	1	1	1	2	1	1	1	1	4	4	2	-	1	1	1	1	1
Cane Sugar Liquors		1	1	1	1	1	-	1	1	1	-	4	4	4	1	-	1	-	1	1	1
Carbamate		4	4	2	2	3	-	-	2	2	-	4	4	2	-	-	1	-	1	1	1
Carbitol		2	2	2	2	2	-	-	2	2	1	4	4	2	2	4	2	-	2	2	1
Carbolic Acid (Phenol)		4	4	2	2	4	4	-	3	4	1	3	4	4	4	-	1	-	1	1	1
Carbon Bisulfide		4	4	4	4	3	4	4	4	4	-	-	3	3	4	-	1	1	1	1	1
Carbon Dioxide		2	2	2	2	1	1	1	2	2	-	1	-	2	2	-	1	-	1	1	1
Carbonic Acid		1	2	1	1	2	1	1	1	1	-	1	1	1	1	-	1	-	1	1	1
Carbon Monoxide		2	2	1	1	1	1	1	2	2	-	1	-	1	1	-	2	-	1	1	1
Carbon Tetrachloride		4	4	4	4	3	2	4	4	4	3	4	4	3	4	-	3	4	1	1	1
Castor Oil		1	1	2	2	1	1	1	1	2	1	1	1	3	1	1	1	1	1	1	1
Cellosolve		4	4	2	2	4	-	-	4	4	-	4	4	2	4	4	4	-	3	4	1
Cellosolve Acetate		4	4	2	2	4	4	-	4	4	-	4	4	2	4	4	4	-	4	4	1
Cellulube (Fryquel)		4	4	1	1	4	4	-	4	4	-	4	4	4	1	-	3	-	1	1	1
China Wood Oil (Tung Oil)		4	4	3	3	1	1	-	2	3	-	3	-	2	4	-	2	-	1	1	1
Chlorine (Dry)		4	4	4	4	4	3	2	3	2	-	4	4	4	4	-	1	-	1	1	1
Chlorine (Wet)		4	4	3	3	4	3	2	3	3	-	4	4	3	4	-	2	-	2	1	1
Chlorine Dioxide		4	4	3	3	4	4	-	4	3	-	4	4	4	-	-	2	-	1	1	1
Chlorine Trifluoride		4	4	4	4	4	4	4	4	4	-	4	4	4	4	-	3	-	4	4	1
Chloroacetic Acid		4	4	2	1	4	4	-	4	1	-	4	4	4	-	-	4	-	4	3	1
Chloroacetone		4	4	2	1	4	4	-	3	3	4	4	4	4	4	4	4	-	4	3	1
Chlorobenzene		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	-	1	1	1
Chlorobromomethane		4	4	2	2	4	4	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Chlorobutadiene		4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Chlorododecane		4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	1	-	1	1	1
Chloroform		4	4	4	4	4	4	-	4	4	4	4	4	4	4	-	4	4	1	1	1
O-Chloronapthalene		4	4	4	4	4	-	-	4	4	-	4	4	4	4	-	2	-	1	1	1
1-Chloro-1-Nitro Ethane		4	4	4	4	4	-	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Chlorosulfonic Acid		4	4	4	4	4	-	-	4	4	-	4	4	4	4	-	4	1	4	4	1
Chlorotoluene		4	4	4	4	4	4	-	4	4	4	4	4	4	4	4	2	-	1	1	1
Chlorox (Sodium Hypochlorite NaOC1)		4	4	2	2	2	2	1	1	2	1	4	4	2	2	-	2	-	1	1	1
Chrome Plating Solutions		4	4	2	2	4	4	-	4	4	-	4	4	4	2	-	2	-	1	1	1
Chromic Acid		4	4	3	3	4	4	-	3	2	-	4	4	4	3	-	3	1	1	1	1
Citric Acid		1	1	1	1	1	1	1	1	1	-	1	-	2	1	-	1	1	1	1	1
Coal Tar (Creosote)		4	4	4	4	1	-	-	2	4	-	3	1	3	4	-	1	-	1	1	1
Cobalt Chloride (aq)		1	1	1	1	1	1	-	1	1	-	4	4	1	2	-	1	-	1	1	1
Cocoanut Oil		4	4	3	3	1	1	-	2	3	-	2	1	4	1	1	1	-	1	1	1
Cod Liver Oil		4	4	1	1	1	1	-	2	2	-	1	1	4	2	1	1	-	1	1	1
Coke Oven Gas		4	4	4	4	4	4	-	4	3	-	4	4	4	2	-	2	-	1	1	1
Copper Acetate (aq)		1	4	1	1	2	2	-	2	2	-	4	4	4	4	-	4	-	4	4	1
Copper Chloride (aq)		1	1	1	1	1	1	-	2	2	-	1	1	4	1	-	1	-	1	1	1
Copper Cyanide (aq)		1	1	1	1	1	1	-	1	1	-	1	1	-	1	-	1	-	1	1	1
Copper Sulfate (aq)		2	2	2	1	1	1	-	1	1	-	1	4	1	1	-	1	-	1	1	1
Corn Oil		4	4	3	3	1	1	1	3	2	-	1	1	4	1	1	1	-	1	1	1
Cottonseed Oil		4	4	3	2	1	1	1	2	2	-	1	1	1	1	1	1	1	1	1	1
Creosote (Coal Tar)		4	4	4	4	1	1	-	2	4	-	3	1	3	4	-	1	-	1	1	1
Cresol		4	4	4	4	4	-	-	3	4	2	4	4	4	4	-	2	1	1	1	1
Cresylic Acid		4	4	4	4	4	1	-	3	4	-	4	4	4	4	-	2	1	1	1	1
Cumene		4	4	4	4	4	4	-	4	4	3	4	4	2	4	-	2	-	1	1	1
Cyclohexane		4	4	4	4	1	1	-	3	4	3	1	1	1	4	4	2	2	1	1	1
Cyclohexanol		4	4	4	3	3	1	-	1	2	1	-	-	2	4	4	1	-	1	1	1
Cyclohexanone		4	4	2	2	4	4	4	4	4	4	4	4	2	4	4	4	2	4	4	1
P-Cymene		4	4	4	4	4	-	-	4	4	4	4	4	3	4	-	2	-	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

D		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Decalin		4	4	4	4	4	-	-	4	4	3	-	-	2	4	-	1	-	1	1	1
Decane		4	4	4	4	1	1	-	4	3	-	2	1	1	2	-	1	-	1	1	1
Denatured Alcohol		1	1	1	1	1	1	1	1	1	-	4	4	1	1	4	1	-	1	1	1
Detergent Solutions		2	2	1	1	1	1	1	2	2	-	4	4	-	1	-	1	-	1	1	1
Developoing Fluids		1	2	2	2	1	1	-	1	1	-	-	-	1	1	-	1	-	1	1	1
Diacetone		4	4	1	1	4	-	-	4	4	2	4	4	2	4	4	4	-	4	3	1
Diacetone Alcohol		4	4	1	1	4	4	4	2	2	3	4	4	2	2	4	4	-	4	3	1
Dibenzyl Ether		4	4	2	2	4	4	4	3	4	-	2	-	2	-	-	-	-	4	4	1
Dibenzyl Sebecate		4	4	2	2	4	4	-	4	4	-	2	4	2	3	4	3	-	2	1	1
Dibromoethylbenzene (Alkazene)		4	4	4	4	4	4	-	4	4	-	4	4	3	4	4	2	-	2	1	1
Dibutyl Amine		4	4	4	3	4	-	-	4	4	1	4	4	4	3	-	4	-	4	4	1
Dibutyl Ether		4	4	3	3	4	4	-	3	4	2	2	3	1	4	-	3	-	3	3	1
Dibutyl Phthalate		4	4	3	2	4	4	4	4	4	4	3	4	2	2	4	3	-	3	1	1
Dibutyl Sebecate		4	4	2	2	4	4	3	4	4	4	4	4	2	2	4	2	-	2	1	1
O-Dichlorobenzene		4	4	4	4	4	-	-	4	4	4	4	4	4	4	4	2	-	1	1	1
Dichloro-Isopropyl Ether		4	4	4	3	4	4	-	4	4	-	2	3	1	4	-	3	-	3	3	1
Dicyclohexylamine		4	4	4	4	3	3	-	4	4	-	4	4	4	-	-	4	-	4	4	1
Diesel Oil		4	4	4	4	1	1	1	3	3	-	3	1	1	4	1	1	2	1	1	1
Diethylamine		2	2	2	2	2	-	-	2	3	3	3	4	2	2	-	4	-	4	4	1
Dietyl Benzene		4	4	4	4	4	-	-	4	4	4	4	-	2	4	4	3	-	1	1	1
Diethyl Ether		4	4	4	4	4	4	-	3	3	2	1	3	1	4	-	3	-	4	4	1
Diethylene Glycol		1	1	1	1	1	-	1	1	1	1	4	2	1	2	-	1	-	1	1	1
Diethyl Sebecate		4	4	2	2	2	3	-	4	2	-	4	4	2	2	4	2	-	2	1	1
Diisobutylene		4	4	4	4	2	1	-	4	4	-	4	4	1	4	-	3	-	1	1	1
Diisopropyl Benzene		4	4	4	4	4	-	-	4	4	-	-	-	2	-	-	2	-	1	1	1
Diisopropyl Ketone		4	4	1	1	4	-	-	4	4	-	4	4	2	4	4	4	-	4	4	1
Diisopropylidene Acetone (Phorone)		4	4	3	3	4	-	-	4	4	-	4	4	4	4	4	4	-	4	4	1
Dimethyl Aniline (Xylidine)		3	3	3	2	3	-	-	3	4	4	4	4	4	4	-	4	-	4	4	1
Dimethyl Ether (Methyl Ether)		4	4	4	4	1	1	-	3	3	-	-	4	2	1	-	1	-	4	4	1
(Monomethyl Ether)																					
Dimethyl Formamide		4	4	2	2	2	-	-	3	4	-	4	4	4	2	-	4	1	4	4	1
Dimethyl Phthalate		4	4	2	2	4	4	-	4	4	2	-	4	2	-	4	2	-	2	1	1
Dinitrotoluene		4	4	4	4	4	4	-	4	4	-	4	4	4	4	4	4	-	4	4	1
Dioctyl Phtalate		4	4	2	2	3	-	4	4	4	-	4	4	2	3	4	2	2	2	1	1
Dioctyl Sebecate		4	4	2	2	4	4	3	4	4	-	2	4	3	3	4	3	1	2	1	1
Dioxane		4	4	2	2	4	-	-	4	4	-	4	4	4	4	-	3	4	4	4	1
Dioxolane		4	4	3	2	4	4	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Dipentene		4	4	4	4	2	2	-	4	4	4	4	4	1	4	-	3	-	1	1	1
Diphenyl (Biphenyl) (Phenylbenzene)		4	4	4	4	4	4	-	4	4	-	4	4	2	4	-	2	2	1	1	1
Diphenyl Oxides		4	4	4	4	4	4	-	4	4	-	4	4	4	3	-	2	2	1	1	1
Dowtherm Oil		4	4	4	4	4	4	4	4	4	-	3	4	4	3	-	2	-	1	1	1
Dry Cleaning Fluids		4	4	4	4	3	3	-	4	4	-	4	4	4	4	-	2	-	1	1	1

E		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Epichlorohydrin		4	4	2	2	4	4	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Ethane		4	4	4	4	1	-	-	2	2	-	3	1	1	4	1	2	-	1	1	1
Ethanolamine		2	2	2	2	2	-	2	2	3	1	3	4	2	2	-	4	1	4	4	1
Ethyl Acetate		4	4	2	2	4	-	4	3	4	3	4	4	3	2	-	4	4	4	4	1
Ethyl Acetoacetate		3	3	2	2	4	-	-	3	4	1	4	4	2	2	-	4	-	4	4	1
Ethyl Acrylate		4	4	2	2	4	-	-	4	4	3	4	4	2	2	-	4	-	4	4	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Ethyl Alcohol		1	1	1	1	1	1	2	1	1	-	4	4	1	1	4	1	1	2	1	1
Ethyl Benzene		4	4	4	4	4	-	4	4	4	4	4	4	4	4	4	1	2	1	1	1
Ethyl Benzoate		1	1	1	1	4	-	-	4	4	-	4	4	2	4	-	1	3	1	1	1
Ethyl Cellosolve		4	4	4	4	4	-	-	4	4	-	4	4	2	4	4	4	-	4	4	1
Ethyl Cellulose		2	2	2	2	2	-	-	2	2	-	2	4	4	3	-	4	-	4	4	1
Ethyl Chloride		4	4	4	3	1	-	2	4	4	-	2	4	4	4	-	1	-	1	1	1
Ethyl Chlorocarbonate		4	4	3	2	4	-	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Ethyl Chloroformate		4	4	3	2	4	-	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Ethyl Ether		4	4	3	3	3	-	2	3	4	2	3	4	2	4	-	3	-	4	4	1
Ethyl Formate		4	4	2	2	4	-	4	2	2	2	-	-	4	-	-	1	-	1	1	1
Ethyl Mercaptan		4	4	4	3	4	-	4	3	2	-	-	-	4	3	-	-	-	2	1	1
Ethyl Oxalate		1	1	1	1	4	-	4	3	4	1	1	4	1	4	-	2	-	1	1	1
Ethyl Pentachlorobenzene		4	4	4	4	4	-	3	4	4	-	4	4	3	4	-	2	-	1	1	1
Ethyl Silicate		2	2	1	1	1	-	1	1	2	1	-	-	2	-	-	1	-	1	1	1
Ethylene		3	3	2	2	1	-	-	3	-	-	-	-	-	-	-	1	-	1	1	1
Ethylene Chloride		4	4	3	3	4	-	-	4	4	-	4	4	2	4	-	3	-	2	1	1
Ethylene Chlorhydrin		2	2	2	2	4	-	-	2	2	-	4	4	2	3	-	2	1	1	1	1
Ethylene Diamine		1	2	1	1	1	1	1	1	2	2	4	4	4	1	-	4	-	4	4	1
Ethylene Dichloride		4	4	3	3	4	-	4	4	4	4	4	4	4	4	-	3	2	1	1	1
Ethylene Glycol		1	1	1	1	1	1	1	1	1	1	4	3	3	1	1	1	-	1	1	1
Ethylene Oxice		4	4	3	3	4	-	-	4	4	-	4	4	-	4	-	4	-	4	4	1
Ehylene Trichloride		4	4	3	3	4	4	-	4	4	-	4	4	4	4	-	3	-	1	1	1

F		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Fatty Acids		4	4	3	3	2	2	-	2	2	-	-	-	4	3	-	-	-	1	1	1
Ferric Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	1	1	2	-	1	-	1	1	1
Ferric Nitrate (aq)		1	1	1	1	1	1	1	1	1	-	1	1	1	3	-	1	-	1	1	1
Ferric Sulfate (aq)		1	1	1	1	1	1	1	1	1	-	1	1	1	2	-	1	-	1	1	1
Fish Oil		4	4	4	4	1	-	-	4	-	-	-	-	-	1	-	1	-	1	1	1
Fluorinated Cylic Ethers		4	4	1	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	2
Fluorine (Liquid)		4	4	4	4	4	-	-	4	-	-	4	4	4	4	-	-	-	2	2	1
Fluorobenzene		4	4	4	4	4	-	-	4	-	-	4	4	-	4	4	2	-	1	1	1
Fluoroboric Acid		1	1	1	1	1	-	-	1	1	-	-	-	2	-	-	-	-	-	-	1
Fluorocarbon Oils		2	2	1	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Fluorolube		2	3	1	1	1	1	-	2	1	-	-	-	1	1	-	2	-	2	1	1
Fluorosilic Acid		2	3	2	2	1	1	-	2	1	1	-	-	4	4	-	4	-	1	1	1
(Hydrofluosilic Acid)																					
Formaldehyde (RT)		2	2	1	1	3	2	2	2	1	1	4	4	2	2	4	4	1	4	4	1
Formic Acid		2	1	1	1	2	-	2	1	1	1	3	-	-	2	-	3	2	3	4	1
Freon 11		4	4	4	4	2	2	-	3	1	-	4	-	1	4	4	2	-	2	2	2
Freon 12		2	1	2	2	1	1	1	1	1	-	1	1	1	4	-	3	-	2	2	2
Freon 13		1	1	1	1	1	-	1	1	1	-	-	-	1	4	-	4	-	2	2	2
Freon 21		4	4	4	4	4	-	2	4	4	-	-	-	4	4	-	-	-	4	4	1
Freon 22		2	1	1	1	4	-	1	1	1	-	4	2	4	4	-	4	-	4	4	2
Freon 31		2	2	1	1	4	-	-	2	2	-	-	-	3	-	-	-	-	4	4	2
Freon 32		1	1	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-	4	4	2
Freon 112		4	3	4	4	2	2	-	3	2	-	-	-	1	4	-	-	-	2	2	2
Freon 113		3	2	4	3	1	1	1	1	1	-	2	-	1	4	4	4	-	3	3	2
Freon 114		1	1	1	1	1	1	1	1	1	-	1	-	1	4	-	2	-	2	2	2
Freon 115		1	1	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-	2	2	2
Freon 142b		2	2	1	2	1	2	-	1	1	-	-	-	1	-	-	-	-	4	4	2
Freon 152a		1	1	1	1	1	-	-	1	3	-	-	-	1	-	-	-	-	4	4	2
Freon 218		1	1	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-	2	2	2
Freon C316		1	1	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-	2	2	2

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Freon C318		1	1	1	1	1	1	-	1	1	-	-	-	1	-	-	-	-	2	2	2
Freon 13B1		1	1	1	1	1	-	-	1	1	-	1	-	1	4	-	-	-	2	2	2
Freon 114B2		4	3	4	4	2	-	-	3	1	-	-	-	2	4	-	-	-	2	2	2
Freon 502		1	1	1	1	2	-	-	1	-	-	-	-	-	-	-	-	-	4	4	2
Freon TF		4	3	4	4	1	1	1	1	1	-	1	-	1	4	-	-	4	2	2	2
Freon T-WD602		4	3	2	2	2	-	-	2	2	-	1	-	1	4	-	-	-	2	2	2
Freon TMC		4	4	3	3	2	-	-	3	2	-	2	-	1	3	-	-	-	2	2	2
Freon T-P35		1	1	1	1	1	-	-	1	1	-	1	-	1	1	-	-	-	2	2	2
Freon TA		3	3	2	2	1	-	-	2	1	-	1	-	1	3	-	-	-	4	4	2
Freon TC		4	3	2	2	1	-	-	1	1	-	1	-	1	4	-	-	-	2	2	2
Freon MF		4	4	4	4	1	2	-	3	2	-	3	-	1	4	-	-	-	2	2	2
Freon BF		4	4	4	4	2	2	-	3	2	-	-	-	1	4	-	-	-	2	2	2
Fuel Oil		4	4	4	4	1	1	1	2	2	-	2	1	1	4	-	1	-	1	1	1
Fumaric Acid		3	3	2	2	1	1	-	2	2	-	-	4	-	2	-	1	-	1	1	1
Furan, Furfuran		4	4	4	3	4	4	-	4	4	1	-	4	2	-	-	-	-	4	4	1
Furfural		4	4	2	2	4	4	4	3	3	1	3	4	4	4	4	-	2	4	4	1
Fyrquel (Cellulube)		4	4	1	1	4	4	-	4	4	-	4	4	4	1	-	3	-	1	1	1

G		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Gallic Acid		1	2	2	2	2	2	-	2	2	1	4	4	-	-	-	1	-	1	1	1
Gasoline		4	4	4	4	2	1	1	3	3	3	2	4	1	4	4	1	2	1	1	1
Gelatin		1	1	1	1	1	-	1	1	1	-	4	4	4	1	-	1	-	1	1	1
Glauber's Salt (aq)		2	4	2	2	4	4	-	2	2	-	-	4	4	-	-	1	-	1	1	1
Glucose		1	1	1	1	1	1	1	1	1	-	4	-	4	1	-	1	-	1	1	1
Glue		2	2	2	1	1	-	1	1	1	-	1	-	4	1	-	1	-	1	1	1
Glycerin		1	1	1	1	1	-	1	1	1	1	1	3	2	1	-	1	1	1	1	1
Glycols		1	1	1	1	1	1	1	1	1	-	4	4	1	1	-	1	-	1	1	1
Green Sulfate Liquor		2	2	1	1	2	2	1	2	2	-	1	2	4	1	-	2	-	1	1	1

H		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Halowax Oil		4	4	4	4	4	4	-	4	4	-	-	-	1	4	-	1	-	1	1	1
N-Hexaldehyde		4	4	2	1	4	-	-	1	3	-	2	-	2	2	-	4	-	4	4	1
Hexane		4	4	4	4	1	1	1	2	2	2	2	1	1	4	4	1	-	1	1	1
N-Hexene-1		4	4	4	4	2	2	-	2	2	1	2	1	1	4	-	1	-	1	1	1
Hexyl Alcohol		2	2	3	3	1	-	-	2	2	1	4	4	2	2	4	2	-	1	1	1
Hydrazine		1	1	1	1	2	4	-	2	2	-	4	-	4	3	-	4	-	4	4	1
Hydraulic Oil (Petroleum)		4	4	4	4	1	1	1	2	2	-	1	1	1	3	-	1	-	1	1	1
Hydrobromic Acid		1	4	1	1	4	4	-	4	1	1	4	4	2	4	-	3	-	1	1	1
Hydrobromic Acid 40%		1	4	1	1	4	-	-	2	1	1	4	4	3	4	-	3	-	1	1	1
Hydrochloric Acid (Cold) 37%		2	2	1	1	3	-	2	2	1	1	4	4	1	3	-	2	1	1	1	1
Hydrochloric Acid (Hot) 37%		4	4	3	3	4	-	3	4	2	1	4	4	2	4	-	3	2	2	1	1
Hydrocyanic Acid		2	2	1	1	2	2	-	2	1	-	-	4	4	3	-	2	-	1	1	1
Hydrofluoric Acid (Conc.) Cold		4	4	3	3	4	-	-	4	1	1	3	4	4	4	-	4	1	1	1	1
Hydrofluoric Acid (Conc.) Hot		4	4	4	4	4	-	-	4	3	1	4	4	4	4	-	4	-	4	4	1
Hydrofluoric Acid-Anhydrous		4	4	3	3	4	-	-	4	1	1	4	4	4	4	-	4	-	4	4	1
Hydrofluosilic Acid (Fluosilicic Acid)		2	3	2	2	1	1	-	2	1	1	-	-	4	4	-	4	-	1	1	1
Hydrogen Gas		2	1	1	1	1	-	-	1	1	-	1	2	3	3	-	3	-	1	1	1
Hydrogen Peroxide (90%)		4	4	3	2	4	2	-	4	1	1	-	4	4	2	-	2	-	2	1	1
Hydrogen Sulfide (Wet) Cold		4	4	1	1	4	1	2	2	2	-	-	4	1	3	-	3	-	4	3	1
Hydrogen Sulfide (Wet) Hot		4	4	1	1	4	4	2	3	3	-	-	4	3	3	-	3	-	4	3	1
Hydroquinone		2	4	2	2	3	4	-	4	4	-	-	4	3	-	4	2	-	2	1	1
Hypochlorous Acid		2	4	2	2	4	4	2	4	4	-	-	4	4	-	-	-	-	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

I		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Iodine Pentafluoride		4	4	4	4	4	4	4	4	4	-	4	4	4	4	-	4	-	4	4	1
Iodoform		4	4	4	4	-	-	-	4	-	-	-	-	-	-	-	-	-	3	2	1
Isobutyl Alcohol		1	2	1	1	2	2	-	1	1	-	4	4	2	1	4	2	-	1	1	1
Isooctane		4	4	4	4	1	1	1	2	2	-	2	1	1	4	4	1	2	1	1	1
Isophorone		4	4	3	3	4	4	-	4	4	-	3	4	2	4	-	4	2	4	4	1
Isopropyl Acetate		4	4	2	2	4	4	-	4	4	-	4	4	2	4	-	4	-	4	4	1
Isopropyl Alcohol		1	2	1	1	2	2	1	2	1	-	3	4	1	1	4	2	-	1	1	1
Isopropyl Chloride		4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Isopropyl Ether		4	4	4	4	2	2	-	3	3	-	2	3	1	4	-	3	4	4	4	1

K		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Kerosene		4	4	4	4	1	1	1	2	3	2	1	1	2	4	1	1	1	1	1	1

L		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Lacquers		4	4	4	4	4	4	4	4	4	-	4	4	1	4	-	4	-	4	2	1
Lacquer Solvents		4	4	4	4	4	4	4	4	4	-	4	4	1	4	-	4	4	4	4	1
Lactic Acid (Cold)		1	1	1	1	1	-	-	1	1	-	-	4	3	1	-	1	-	1	1	1
Lactic Acid (Hot)		4	4	4	4	4	-	-	4	3	-	-	4	3	2	-	2	-	1	1	1
Lard		4	4	2	2	1	1	1	2	4	1	1	1	4	2	-	1	-	1	1	1
Lavender Oil		4	4	4	4	2	2	-	4	4	-	4	2	2	4	-	2	-	1	1	1
Lead Acetate (aq)		1	4	1	1	2	2	2	2	4	1	4	4	4	4	-	4	-	4	4	1
Lead Nitrate (aq)		1	1	1	1	1	1	-	1	1	-	-	-	4	2	-	1	-	1	1	1
Lead Sulfamate (aq)		2	2	1	1	2	-	-	1	1	-	-	4	4	2	-	1	-	1	1	1
Ligroin (Benzine) (Nitrobenzine) (Pet Ether)		4	4	4	4	1	1	-	2	3	-	2	1	1	4	-	1	-	1	1	1
Lime Bleach		1	2	1	1	1	1	-	2	2	-	-	4	4	2	-	1	-	1	1	1
Lime Sulfur		4	4	1	1	4	1	-	1	1	-	-	4	4	1	-	1	-	1	1	1
Lindol (Hydraulic Fluid)		4	4	1	1	4	1	-	4	4	-	4	4	4	3	-	3	-	2	1	1
Linoleic Acid		4	4	4	4	2	2	-	4	4	-	-	-	4	2	-	-	-	2	1	1
Linseed Oil		4	4	3	3	1	1	1	2	2	1	2	1	1	1	1	1	-	1	1	1
Liquefied Petroleum Gas		4	4	4	4	1	1	1	2	2	-	1	3	1	3	-	3	-	1	1	1
Lubricating Oils (Petroleum)		4	4	4	4	1	4	1	2	2	-	2	1	3	4	-	1	-	1	1	1
Lye		2	2	1	1	2	2	-	2	1	-	4	4	3	2	-	1	-	2	1	1

M		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Magnesium Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	-	3	1	-	1	1	1	1	1
Magnesium Hydroxide (aq)		2	2	1	1	2	2	1	1	1	1	4	4	3	-	-	-	-	1	1	1
Magnesium Sulfate (aq)		2	2	1	1	1	-	1	1	1	1	-	4	2	1	-	1	-	1	1	1
Maleic Acid		3	3	2	2	4	4	-	3	4	-	-	4	2	-	-	-	-	1	1	1
Maleic Anhydride		3	3	2	2	4	4	-	3	4	-	-	4	-	-	-	-	-	4	3	1
Malic Acid		3	3	2	2	1	1	-	3	2	-	-	4	-	2	-	1	-	1	1	1
Mercury Chloride (aq)		1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	1	1	1
Mercury		1	1	1	1	1	1	1	1	1	-	1	-	1	-	-	-	-	1	1	1
Mesityl Oxide		4	4	2	2	4	4	-	4	4	4	4	4	2	4	-	4	4	4	4	1
Methane		4	4	4	4	1	1	1	2	2	-	3	1	1	4	1	2	-	1	1	1
Methyl Acetate		3	3	1	1	4	4	4	2	4	1	4	4	2	4	-	4	-	4	4	1
Methyl Acrylate		4	4	2	2	4	-	-	2	4	-	4	4	2	4	-	4	-	4	4	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

Methylacrylic Acid		4	4	2	2	4	-	-	2	4	-	4	4	-	4	-	4	-	4	4	1
Methyl Alcohol		1	1	1	1	1	1	2	1	1	1	4	4	2	1	4	1	1	4	1	1
Methyl Bromide		4	4	4	4	2	2	-	4	4	-	-	3	-	-	-	1	-	1	1	1
Methyl Butyl Ketone (Propyl Acetone)		4	4	1	1	4	4	-	4	4	-	4	4	2	3	4	4	-	4	4	1
Methyl Cellosolve		4	4	2	2	3	3	-	3	2	1	4	4	-	4	4	4	1	4	4	1
Methyl Chloride		4	4	3	3	4	4	-	4	4	-	4	4	3	4	-	2	-	2	1	1
Methyl Cyclopentate		4	4	4	4	4	4	-	4	4	-	4	4	2	4	4	2	-	1	1	1
Methylene Chloride		4	4	4	3	4	-	-	4	4	4	4	4	4	4	-	2	2	2	2	1
Methyl Ether (Dimethyl Ether)		4	4	4	4	1	1	-	3	3	-	-	4	2	1	-	1	-	4	4	1
(Monomethyl Ether)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone		4	4	2	1	4	-	4	3	4	-	4	4	4	4	4	4	4	4	4	1
Methyl Formate		4	4	2	2	4	4	4	2	2	-	-	-	3	-	-	-	-	4	4	1
Methyl Isobutyl Ketone		4	4	3	2	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	1
Methyl Methacrylate		4	4	4	3	4	4	4	4	4	-	-	4	2	4	-	4	-	4	4	1
Methyl Oleate		4	4	2	2	4	4	-	4	4	-	-	-	-	-	-	2	-	2	1	1
Methyl Salicylate		3	3	2	2	4	-	-	4	4	-	-	-	-	-	-	-	3	2	1	1
Milk		1	1	1	1	1	1	-	1	1	-	4	4	2	1	-	1	-	1	1	1
Mineral Oil		4	4	3	3	1	1	1	2	2	-	1	1	2	2	1	1	-	1	1	1
Monochlorobenzene		4	4	4	4	4	4	4	4	4	-	4	4	4	4	4	2	-	1	1	1
Monomethyl Aniline		4	4	2	2	4	4	-	4	4	-	4	4	4	-	-	-	-	2	2	1
Monoethanol Amine		2	2	2	1	4	-	-	4	4	-	4	4	4	2	-	4	-	4	4	1
Monomethyl Ether (Methyl Ether)		4	4	4	4	1	-	-	3	2	-	-	4	2	1	-	1	-	4	4	1
(Dimethyl Ether)																					
Monovinyl Acetylene		2	2	2	2	1	-	-	2	2	-	-	-	3	2	-	-	-	1	1	1
Mustard Gas		1	2	1	1	-	-	-	1	1	-	-	-	-	1	-	-	-	1	1	1

N		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Naphtha		4	4	4	4	2	2	1	3	4	1	2	2	2	4	-	2	-	1	1	1
Naphthalene		4	4	4	4	4	4	-	4	4	-	2	-	2	4	-	1	1	1	1	1
Naphthalenic Acid		4	4	4	4	2	-	-	4	4	-	-	-	2	4	-	1	2	1	1	1
Natural Gas		2	2	4	4	1	1	1	1	1	-	2	2	2	1	-	3	-	1	1	1
Neats Foot Oil		4	4	2	2	1	1	-	4	4	-	1	1	2	2	-	1	-	1	1	1
Neville Acid		4	4	2	2	4	4	-	4	4	-	-	4	1	4	-	2	-	1	1	1
Nickel Acetate (aq)		1	4	1	1	2	2	-	2	4	-	4	4	4	4	-	4	-	4	4	1
Nickel Chloride (aq)		1	1	1	1	1	1	-	1	1	1	3	3	1	1	-	1	-	1	1	1
Nickel Sulfate (aq)		2	2	1	1	1	1	-	1	1	1	3	4	3	1	-	1	-	1	1	1
Niter Cake		1	1	1	1	1	1	-	1	1	-	1	4	3	1	-	1	-	1	1	1
Nitric Acid (Conc.)		4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	3	2	2	1	1
Nitric Acid (Dilute)		4	4	2	2	4	-	4	2	1	1	3	4	4	2	4	2	2	1	1	1
Nitric Acid-Red Fuming		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	3	2	2
Nitrobenzene		4	4	1	1	4	4	4	4	4	4	4	4	4	4	4	4	1	2	1	1
Nitrobenzene (Petroleum Ether)		4	4	4	4	1	1	-	2	3	3	2	1	1	4	-	1	-	1	1	1
Nitroethane		2	2	2	2	4	-	-	3	2	1	4	4	-	4	-	4	2	4	4	1
Nitrogen		1	1	1	1	1	-	1	1	1	-	1	1	1	1	-	1	-	1	1	1
Nitrogen Tetroxide		4	4	3	3	4	4	-	4	4	-	4	4	4	4	-	4	-	4	4	2
Nitromethane		2	2	2	2	4	4	-	2	3	-	4	4	3	4	-	4	-	4	4	1

O		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Octachlorotoluene		4	4	4	4	4	-	-	4	4	-	4	4	4	4	4	2	-	1	1	1
Octadecane		4	4	4	4	1	4	-	2	2	-	1	2	1	4	-	1	-	1	1	1
N-Octane		4	4	4	4	2	-	-	2	2	1	4	4	2	4	4	2	-	1	1	1
Octyl Alcohol		2	2	3	3	2	2	-	1	2	1	4	4	2	2	4	2	-	1	1	1
Oleic Acid		4	4	4	4	3	1	1	3	3	1	2	4	3	4	-	-	1	2	2	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

Oleum Spirits		4	4	4	4	2	2	-	3	2	-	3	-	-	4	-	2	-	1	1	1
Olive Oil		4	4	2	2	1	1	1	2	2	-	1	1	4	3	-	1	-	1	1	1
O-Dichlorobenzene		4	4	4	4	4	-	-	4	4	4	4	4	4	4	4	2	-	1	1	1
Oxalic Acid		2	2	1	1	2	2	3	2	2	1	-	-	4	2	-	1	-	1	1	1
Oxygen-Cold		2	2	1	1	2	4	2	1	1	1	1	2	2	1	-	1	-	1	1	1
Oxygen (200-400°F)		4	4	4	3	4	4	4	4	4	-	4	4	4	2	-	4	-	2	1	1
Ozone		4	4	2	1	4	4	1	3	1	1	1	2	1	1	1	2	-	1	1	1

P		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Paint Thinner, Duco		4	4	4	4	4	4	-	4	4	-	4	4	2	4	-	2	-	2	1	1
Palmitic Acid		2	2	2	2	1	1	2	2	3	2	1	-	4	4	-	1	-	1	1	1
Peanut Oil		4	4	3	3	1	-	1	3	2	-	2	1	4	1	-	1	-	1	1	1
Perchloric Acid		4	4	2	2	4	-	3	2	2	-	4	4	3	4	-	1	-	1	1	1
Perchloroethylene		4	4	4	4	2	-	2	4	4	4	4	4	2	4	-	2	-	1	1	1
Petroleum - Below 250°F		4	4	4	4	1	-	1	2	2	2	2	2	4	2	-	2	-	1	1	1
Petroleum - Above 250°F		4	4	4	4	4	-	2	2	4	4	4	4	4	4	-	4	-	2	1	1
Phenol (Carbolic Acid)		4	-	2	2	4	4	-	3	2	1	3	4	4	4	-	1	1	1	1	1
Phenylbenzene (Biphenyl) (Diphenyl)		4	4	4	4	4	4	-	4	4	-	4	4	2	4	4	2	-	1	1	1
Phenyl Ethyl Ether		4	4	4	4	4	4	-	4	4	-	4	4	2	4	-	4	-	4	4	1
Phenyl Hydrazine		1	2	2	2	4	-	-	4	4	-	-	4	4	-	-	-	-	2	1	1
Phorone (Diisopropylidene Acetone)		4	4	3	3	4	4	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Phosphoric Acid - 20%		2	2	2	1	2	-	-	2	1	1	1	-	4	2	-	2	-	1	1	1
Phosophoric Acid - 45%		3	3	2	1	4	-	-	2	2	1	1	-	4	3	-	2	1	1	1	1
Phosophorus Trichloride		4	4	1	1	4	4	-	4	4	-	-	-	-	-	-	1	-	1	1	1
Pickling Solution		4	4	3	3	4	-	4	4	2	-	4	4	4	4	-	4	-	2	1	1
Picric Acid		2	2	2	2	2	-	-	1	2	-	2	-	4	4	-	2	-	1	1	1
Pinene		4	4	4	4	2	-	-	3	3	3	2	4	2	4	-	2	-	1	1	1
Pine Oil		4	4	4	4	4	-	2	4	4	2			2	4	-	1	1	1	1	1
Piperidine		4	4	4	4	4	-	-	4	4	-	4	4	4	4	-	4	-	4	4	1
Plating Solution-Chrome		4	4	1	1	-	4	-	4	4	-	-	-	4	4	-	-	-	1	1	1
Plating Solution-Others		4	4	1	1	1	1	-	4	1	-	-	-	-	4	-	-	-	1	1	1
Polyvinyl Acetate Emulsion		2	4	1	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	1
Potassium Acetate (aq)		1	4	1	1	2	-	-	2	1	1	4	4	4	4	-	4	1	4	4	1
Potassium Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
Potassium Cupro Cyanide (aq)		1	1	1	1	1	1	-	1	1	-	1	1	1	1	-	1	-	1	1	1
Potassium Cyanide (aq)		1	1	1	1	1	1	1	1	1	-	1	1	1	1	-	1	-	1	1	1
Potassium Dichromate (aq)		2	2	1	1	1	1	-	1	1	1	2	1	1	1	-	1	-	1	1	1
Potassium Hydroxide (aq)		2	2	1	1	2	2	1	2	1	1	4	4	2	3	-	3	1	4	4	1
Potassium Nitrate (aq)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
Potassium Sulfate (aq)		2	1	1	1	1	1	1	1	2	1	1	4	2	1	-	1	-	1	1	1
Producer Gas		4	4	4	4	1	-	-	2	2	-	1	2	4	2	-	2	-	1	1	1
Propane		4	4	4	4	1	1	1	2	2	-	3	1	1	4	1	2	-	1	1	1
i-Propyl Acetate		4	4	2	2	4	-	4	4	4	3	4	4	2	4	-	4	-	4	4	1
n-Propyl Acetate		4	4	2	2	4	-	4	4	4	3	4	4	2	4	-	4	-	4	4	1
Propyl Acetone (Methyl Butyl Ketone)		4	4	1	1	4	4	-	4	4	-	4	4	2	3	-	4	-	4	4	1
Propyl Alcohol		1	1	1	1	1	1	1	1	1	1	4	4	1	1	4	1	1	1	1	1
Propyl Nitrate		4	4	2	2	4	1	-	4	4	-	-	4	-	4	-	4	-	4	4	1
Propylene		4	4	4	4	4	4	-	4	4	-	4	4	2	4	-	2	-	1	1	1
Propylene Oxide		4	4	2	2	4	4	-	4	4	-	4	4	-	4	-	4	-	4	4	1
Pydraul, 10E, 29 ELT		4	4	1	1	4	4	4	4	4	-	4	4	-	4	-	4	-	1	1	1
Pydraul, 30E, 50E, 65E, 90E		4	4	1	1	4	4	4	4	4	-	4	4	-	1	-	1	-	1	1	1
Pydraul, 115E		4	4	1	1	4	4	4	4	4	-	4	4	-	4	-	3	-	1	1	1
Pydraul, 230E, 312C, 540C		4	4	4	4	4	4	4	4	4	-	4	4	-	4	-	4	-	1	1	1
Pyranol, Transformer Oil		4	4	4	4	1	1	4	2	3	-	2	1	4	4	-	1	-	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

Pyridine		4	4	2	2	4	4	4	4	4	-	-	4	4	4	-	4	-	4	4	1
Pyroligneous Acid		4	4	2	2	4	4	-	2	2	-	4	4	2	-	-	4	-	4	4	1
Pyrrole		3	3	4	3	4	-	-	4	4	-	-	4	4	2	-	3	-	4	4	1

R		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Radiation		3	3	4	2	3	3	-	2	3	-	3	3	4	3	-	4	-	3	3	1
Rapeseed Oil		4	4	1	1	2	2	1	2	2	-	2	2	4	4	-	1	-	1	1	1
Red Oil (MIL-H-5606)		4	4	4	4	1	1	-	2	2	2	1	1	1	4	-	1	-	1	1	1
RJ-1 (MIL-F-25558 B)		4	4	4	4	1	1	-	2	2	-	1	1	1	4	-	1	-	1	1	1
RP-1 (MIL-F-25576 C)		4	4	4	4	1	1	-	2	2	-	1	1	1	4	-	1	-	1	1	1

S		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Sal Ammoniac		1	1	1	1	1	1	-	1	1	1	1	1	1	2	-	1	-	1	1	1
Salicylic Acid		1	2	1	1	2	2	-	1	-	-	-	-	-	-	-	1	-	1	1	1
Salt Water		1	1	1	1	1	1	-	2	1	-	2	4	4	1	-	1	-	1	1	1
Sewage		2	2	2	2	1	1	-	2	1	-	4	4	4	2	-	1	-	1	1	1
Silicate Esters		4	4	4	4	2	2	-	1	1	-	1	-	-	4	-	1	-	1	1	1
Silicone Greases		1	1	1	1	1	1	1	1	1	-	1	1	1	3	-	1	-	1	1	1
Silicone Oils		1	1	1	1	1	1	1	1	1	-	1	1	1	3	-	1	-	1	1	1
Silver Nitrate		1	1	1	1	2	2	-	1	1	-	1	1	2	1	-	1	-	1	1	1
Skydrol 500		4	4	2	1	4	4	4	4	4	4	4	4	4	3	4	3	2	4	4	1
Skydrol 7000		4	4	1	1	4	4	4	4	4	-	4	4	4	3	4	3	-	2	1	1
Soap Solutions		2	1	1	1	1	1	1	2	1	-	3	4	4	1	-	1	-	1	1	1
Soda Ash		1	1	1	1	1	1	1	1	1	1	-	-	4	1	-	1	-	1	1	1
Sodium Acetate (aq)		1	4	1	1	2	2	-	2	1	1	4	4	4	4	-	4	-	4	4	1
Sodium Bicarbonate (aq) (Baking Soda)		1	1	1	1	1	1	1	1	1	-	-	-	3	1	-	1	-	1	1	1
Sodium Bisulfate (aq)		1	2	1	1	1	1	1	1	1	1	-	4	3	1	-	1	1	1	1	1
Sodium Borate (aq)		1	1	1	1	1	1	1	1	1	-	-	-	1	1	-	1	1	1	1	1
Sodium Chloride (aq)		1	1	1	1	1	1	1	1	1	1	1	-	1	1	-	1	1	1	1	1
Sodium Cyanide (aq)		1	1	1	1	1	1	1	1	1	-	-	-	1	1	-	1	-	1	1	1
Sodium Hydroxide (aq)		1	1	1	1	2	2	2	1	1	1	4	3	1	2	-	2	1	2	1	1
Sodium Hypochlorite (aq) (Chlorox)		4	4	2	2	2	2	1	1	1	1	4	4	2	2	-	2	1	1	1	1
Sodium Metaphosphate (aq)		1	1	1	1	1	1	-	2	2	-	-	-	-	-	-	1	-	1	1	1
Sodium Nitrate (aq)		2	1	1	1	2	-	1	2	1	1	-	-	-	4	-	-	1	1	1	1
Sodium Perborate (aq)		2	2	1	1	2	2	-	2	2	-	-	-	2	2	-	1	-	1	1	1
Sodium Peroxide (aq)		2	2	1	1	2	2	-	2	2	-	4	4	-	4	-	1	-	2	1	1
Sodium Phosphate (aq)		1	1	1	1	1	1	-	2	1	1	1	1	-	4	-	-	1	1	1	1
Sodium Silicate (aq)		1	1	1	1	1	1	-	1	1	1	-	-	-	-	-	-	1	1	1	1
Sodium Sulfate (aq)		2	2	1	1	1	4	1	1	1	1	1	4	2	1	-	1	1	1	1	1
Sodium Thiosulfate (aq)		2	2	1	1	2	-	-	1	1	1	1	4	2	1	-	1	-	1	1	1
Soybean Oil		4	4	3	3	1	1	1	2	3	-	2	1	4	1	1	1	-	1	1	1
Stannic Chloride (aq)		1	1	1	1	1	1	-	2	1	1	-	-	-	2	-	1	-	1	1	1
Stannous Chloride (aq)		1	1	1	1	1	1	-	1	1	1	-	-	-	2	-	1	-	1	1	1
Steam Under 300°F		4	4	2	1	4	4	-	3	4	-	4	4	4	3	4	4	1	4	2	1
Steam Over 300°F		4	4	4	3	4	4	4	4	4	-	4	4	4	4	4	4	-	4	4	1
Stearic Acid		2	2	2	2	2	2	2	2	2	-	1	-	-	2	-	-	1	1	1	1
Stoddard Solvent		4	4	4	4	1	1	1	2	4	2	1	1	2	4		1	-	1	1	1
Styrene		4	4	4	4	4	4	-	4	4	4	3	4	4	4	4	3	2	2	1	1
Sucrose Solution		1	1	1	1	1	2	-	2	2	-	4	4	4	1	-	1	-	1	1	1
Sulfite Liquors		2	2	2	2	2	-	2	2	2	-	-	4	4	4	-	2	-	1	1	1
Sulfur		4	4	1	1	4	4	3	1	1	-	-	4	4	3	-	1	-	1	1	1
Sulfur Chloride (aq)		4	4	4	4	3	4	-	3	2	-	-	4	4	3	-	1	-	1	1	1

Ratings 1 - Minor Effect 2 - Moderate Effect 3 - Static Only 4 - Not Recommended -- Insufficient Data

		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Sulfur Dioxide (Dry)		2	2	2	1	4	4	-	4	2	-	-	4	4	2	-	2	2	2	1	1
Sulfur Dioxide (Wet)		4	4	1	1	4	4	-	2	1	-	-	4	4	2	-	2	-	2	1	1
Sulfur Dioxide (Liquified Under Pressure)		4	4	2	1	4	4	-	4	4	-	-	4	4	2	-	2	-	2	1	1
Sulfur Hexafluoride		4	4	1	1	2	2	1	1	2	-	-	4	3	2	-	2	-	1	1	1
Sulfur Trioxide		2	2	2	2	4	4	-	4	4	-	-	4	4	2	-	2	-	1	1	1
Sulfuric Acid (Dilute)		3	3	2	2	3	-	2	2	1	1	3	2	1	4	2	3	1	1	1	1
Sulfuric Acid (Conc.)		4	4	4	3	4	-	4	4	1	-	4	4	4	4	4	4	1	1	1	1
Sulfuric Acid (20% Oleum)		4	4	4	4	4	2	4	4	4	-	4	4	4	4	4	4	1	1	1	1
Sulfurous Acid		2	2	2	2	2	2	-	2	1	1	3	4	4	4	-	-	-	3	2	1

T		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Tannic Acid		1	2	1	1	1	1	-	1	1	1	1	4	1	2	-	-	-	1	1	1
Tar, Bituminous		4	4	3	3	2	2	2	3	4	-	-	4	-	2	-	1	-	1	1	1
Tartaric Acid		3	4	2	2	1	1	2	2	1	1	1	-	3	1	-	1	-	1	1	1
Terpineol		4	4	3	3	2	2	-	4	4	-	2	-	1	-	-	1	-	1	1	1
Tertiary Butyl Alcohol		2	2	2	2	2	-	-	2	2	-	4	4	2	2	4	2	1	1	1	1
Tertiary Butyl Catechol		4	2	2	2	4	-	-	2	2	-	4	4	4	-	-	1	-	1	1	1
Tertiary Butyl Mercaptan		4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	-	-	1	1	1
Tetrabromoethane		4	4	4	4	4	4	-	4	4	-	-	4	-	4	-	2	-	1	1	1
Tetrabromomethane		4	4	4	4	4	-	-	4	-	-	-	-	-	4	-	2	-	1	1	1
Tetrabutyl Titanate		2	2	2	1	2	2	-	2	1	-	-	-	-	-	-	1	-	1	1	1
Tetrachloroethylene		4	4	4	4	4	4	-	4	4	4	4	4	3	4	-	2	4	1	1	1
Tetraethyl Lead		4	4	4	4	2	2	-	2	4	-	-	-	-	-	-	2	-	1	1	1
Tetrahydrofuran		4	4	3	3	4	4	-	4	4	4	3	4	1	4	4	4	-	4	4	1
Tetralin		4	4	4	4	4	4	-	4	4	-	-	-	4	4	-	1	-	2	1	1
Thionyl Chloride		4	4	4	3	4	-	-	4	4	-	4	4	-	-	-	-	-	2	1	1
Titanium Tetrachloride		4	4	4	4	2	2	-	4	4	-	4	4	3	4	-	2	-	1	1	1
Toluene		4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	2	4	2	1	1
Toluene Diisocyanate		4	4	2	2	4	4	-	4	4	-	-	4	-	4	4	4	-	4	3	1
Transformer Oil		4	4	4	4	1	1	-	2	3	2	1	2	1	2	-	1	-	1	1	1
Transmission Fluid Type A		4	4	4	4	1	1	1	2	2	-	1	1	1	2	1	1	-	1	1	1
Triacetin		2	2	1	1	2	2	-	2	2	-	4	4	2	-	-	4	-	4	3	1
Triaryl Phosphate		4	4	1	1	4	4	-	4	4	-	4	4	2	3	-	2	-	1	1	1
Tributoxy Ethyl Phosphate		2	2	1	1	4	4	-	4	4	-	4	4	1	-	-	2	-	1	1	1
Tributyl Mercaptan		4	4	4	4	4	-	-	4	4	-	-	4	4	4	-	3	-	1	1	1
Tributyl Phosphate		2	4	2	2	4	4	-	4	4	4	4	4	4	4	-	4	1	4	4	1
Trichloroacetic Acid		3	2	2	2	2	2	-	4	4	-	4	4	-	-	4	4	-	4	3	1
Trichloroethane		4	4	4	4	4	4	-	4	4	-	4	4	4	4	-	2	-	1	1	1
Trichloroethylene		4	4	4	4	4	3	4	4	4	4	4	4	4	4	-	2	4	1	1	1
Tricresyl Phosphate		4	1	1	4	4	4	4	3	4	2	4	4	2	3	3	2	1	1	1	1
Triethanol Amine		2	2	2	1	2	3	-	1	2	1	4	4	4	-	2	4	1	4	4	1
Triethyl Aluminum		4	4	3	3	4	-	-	4	4	-	4	4	-	-	-	-	-	2	1	1
Triethyl Borane		4	4	3	3	4	-	-	4	4	-	4	4	-	-	-	-	-	1	1	1
Trinitrotuluene		4	4	4	4	4	4	-	2	2	-	-	4	2	-	4	2	-	2	1	1
Trioctyl Phosphate		4	4	1	1	4	-	-	4	4	-	4	4	2	3	-	2	-	2	1	1
Tung Oil (China Wood Oil)		4	4	3	3	1	1	-	2	3	-	3	-	2	4	-	2	-	1	1	1
Turbine Oil		4	4	4	4	2	1	1	4	4	-	1	1	1	4	-	2	-	1	1	1
Turpentine		4	4	4	4	1	1	1	4	4	3	4	2	2	4	-	2	3	1	1	1

U		NR IR	SBR BR	IIR	EPM EPDM	NBR	HNBR	CO ECO	CR	CSM	CPE	AU EU	ACM	T	SI	AEM	FSI	TFE P	FKM TYPE I	FKM TYPE II	FFKM
Unsymmetrical Dimethyl Hydrazine (UDMH)		1	1	1	1	2	2	-	2	1	-	-	-	4	4	-	4	-	4	4	1