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	Aflas™	Buna-N (Nitrile)	Butyl	Chemraz®	Epichlorohydrin	Ethylene-Propylene	Fluorocarbon	Fluorosilicone	Hypalon®	Kalrez®	Natural Rubber	Neoprene®	Nitrile, Hydrogenated	Polyacrylate	Polysulfide	Polyurethane, Cast	Polyurethane, Millable	Silicone	Styrene Butadiene	Teflon®, Virgin	Vamac®
Acetaldehyde		■	●		●	■				♦		■		■			■	●		●	
Acetamide	●	●	●	●		●	▲	●	▲		■	●	●	■	■		■	♦	■	●	●
Acetic Acid, Glacial	■	■	●	▲	■	●	■	■	♦	●	■	▲	▲	■	▲	●	■	●	▲	●	■
Acetic Anhydride	●	●	●	▲	■	●	■	■	●	●	■	●	■	■	♦		■	♦	■	●	♦
Acetone	■	■	●	●	■	●	■	■	■	●	♦	■	■		●	■	■	■		●	■
Acetophenone		■	●	●	■	●	■	■	■		■	■		■	■		■	■	■	●	
Acetyl Chloride	●	■	■	●	■	■	▲	●	♦		■	■	■	■	■		■	♦	■	●	
Acetylene Gas		●	●	●	▲	●	●	♦	♦	♦	▲	●			♦		▲	♦	♦	●	
Acrylonitrile		■	■	●		■	■	■	♦	●	♦	●	■	■	■		■	■	♦	●	
Air, Below 200°		●	●	●		■		●	●		♦	■		●	▲		●	●	▲	●	●
Alkazene		■	■	●	■		▲	▲	■		■	■		■	▲		♦	■	■	●	
Aluminum Acetate		▲	▲	●	▲	●		■			●	▲		■	■		■	■		●	
Aluminum Chloride		●	●	●	●	●		●	●	●	●	●	●	●	■		▲	▲	●	●	●
Aluminum Fluoride		●	●	●	●	●	●	●	●		▲	●	●		■		■	▲	●	●	
Aluminum Nitrate		●	●	●	●	●	●		●		●	●			▲		♦	▲	●	●	
Aluminum Sulfate		●		●		●	●	●	●	●	●	●		■			▲	●	▲	●	●
Ammonia, Gas, Hot		▲	■	●		▲	■	■	▲	●	■	▲	■	■	■		■	●	■	●	■
Ammonia, Gas, Cold		●	●	●		●	■		●	●	●	●	●	■	●		▲	●	●	●	■
Ammonia, Anhydrous		▲	●	▲		●	■	■		●	■	●	▲	■	■		■	♦	■	●	■
Ammonium Carbonate	●	▲	●	●	▲	●	●		▲	●	●	●	■				●	♦	●	●	
Ammonium Chloride	●	▲	●	●	●	●	●	■	●		●	●	●	●	●		▲	♦	●	●	●
Ammonium Hydroxide, Concentrated		♦	●	●	▲	♦		●	●	●		●		■	■		■	●	■	●	■
Ammonium Nitrate	●	●	●	●	●	●	●	♦	●	●	●	●	●	▲	▲			♦	●	●	
Ammonium Persulfate Solution		●	●	●		▲	●		●		●		■	■			■	■	■	●	
Ammonium Phosphate			●	●	●	●	●		■	●	●	●	●			●		▲	●	●	●
Ammonium Sulfate		●	●	●		●	●	●	●	●	●	●		■	■		●	●	▲	●	●
Amyl Acetate		■	▲	●	■	●	■	■	■	●	■	■	■	■	■		■	■	■	●	■
Amyl Alcohol		▲	▲	●	●	●	●	●	●	●	●	●	▲	■	▲	♦	■	■	▲	●	
Amyl Borate		▲	■	●	●	■						●	●		●			■	■	●	
Amyl Chloronaphthalene		♦	■	●		■	●	▲	■		■	■	■	■	♦		■	■	■	●	
Aniline	●	■	●	●		●	●	♦	■	●			■	■			■	▲	■	●	
Aniline Oil		■	▲	●		▲	■	♦	■		■	■	■	■	▲		■	■	■	●	
Animal Oil		●	▲	●	●	●	●	●	■		■	▲	●	●	■		▲		■	●	●
Argon		●	▲	●		●	●	▲	■	●	■	■	●	▲			♦	▲		●	
Arachlor 1248		♦	▲	●		▲	●	▲	■		■	■	♦	■	■		▲	▲	■		

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Aromatic Fuel 50%		▲	■	●		■	●	▲	■	●	■	■	▲				■	■	■		■
Askarel Transformer Oil		▲	■	●		■	●	▲	■		■	■	▲	■			■	■	■	●	
ASTM Fuel A		●	■	●	●	■	●	▲	▲		■	▲	●	●	●		●	■	■	●	●
ASTM Fuel B		♦	■	●	●	■	●	▲	■		■	■	●	■	▲		■	■	■	●	
ASTM Fuel C		♦	■	●		■	●	▲	■		■	■	▲	■	▲		■	■	■	●	■
ASTM Fuel D		♦		●		■	●					■	▲	■			▲	■	■		
ASTM Oil One	●	●	■	●	■	●		●	▲		■	●	●	●	●	▲	●	●	■	●	●
ASTM Oil Two		●	■	●		■	●	●	■		■	●	●	●	♦		▲		■	●	●
ASTM Oil Three	●	●	■	●		■	●	●	♦		■	♦	●	●	♦	▲	●	▲	■	●	▲
ASTM Oil Four		▲	■	●		■	●	▲	■		■	■	▲	▲	♦		■	■	■		●
Automatic Transmission Fluid	●	●	■	●		■	●		♦		■	▲	●	●			▲	■	■	●	■
Automotive Brake Fluid			▲	●		●	■	■	▲			▲			■		■	●	●		
Beer		●	●		●	●	●	●	●	●	●	▲		■	■			●	●	●	▲
Benzaldehyde	●	■	▲	▲	■	●	■	■	■		■	■	■	■	■		■	■	■	●	■
Benzene	▲	■	■	●	■	■	▲	▲	■	●	■	■	■	■	♦	♦	■	■	■	●	■
Benzene Sulfonic Acid		■	■	●		■	●	▲	▲		■	▲		■	■		■	■	■	●	
Benzine (Ligroin)		●	■	●		■	▲	●	♦	●	■		●	●	●		♦	■	■	●	■
Benzoic Acid		■		●			●	▲		♦		●		■	▲		■		■	●	
Benzophenone		♦	▲	●		▲	●	●						■	▲		■	■	■		
Benzyl Alcohol	●	■	▲	●	■	▲	●	▲	▲		■			■	■		■		■	●	
Benzyl Benzoate		■	▲	●		▲	●	●	■		■		■	■	■				■	●	
Benzyl Chloride	●	■	▲	●		■	●	▲	■		■	■		■	■			■	■	●	
Bleach Liquor	●	♦	●	●		●	●	▲	●	●			▲	■	■	●	■	▲		●	
Borax Solutions		▲	●	●		●	●	▲	●	●	▲	●	●	▲	■		●	▲	▲	●	●
Boric Acid		●	●	●	●	●	●	●	●	●	●	●	●	■	■		●	●	●	●	●
Brake Fluid	●	■	●		■	●	■	■			■	■	▲	■	▲	■			●	●	■
Bromine Gas	●	■	■	●		■	●	▲	■	●	■	■		■	▲		■	■	■	●	
Bromobenzene		■	■	●	■	■	●	▲	■		■	■	■	■	♦		■	■	■	●	
Bunker Oil		●	■	●		■	●	●	■		■		●	●	●		▲		■	●	
Butadiene Monomer		♦		●	■		▲	▲		●	■			■	♦		■	■	■	●	
Butane		●	■	●	●	■	●	▲		●	■		●	●	●			■		●	▲
Butter		●	♦	●	●	●	●	●	▲		■	▲	●	●	■			▲	■	●	●
Butyl Alcohol		●	▲	●		▲	●	●	●	●	●	●	●	■	▲			▲	●	●	●
Butyl Carbitol		■	●	●		●	♦	■			■	♦	■	■	■		■	■	■	●	
Butyl Cellosolve		♦	●	●		●	■	■			■	■	♦	■	▲	▲	■	■	■	●	

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Butyraldehyde		■	▲	■		♦	■	■			■			■	♦	■	■	■	■	●	■
Calcium Carbonate		●	●	●		●	●	●	●	●	●	●	●	■	■		■		●	●	●
Calcium Chloride	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Calcium Hydroxide	●	●	●	●	●	●	●	▲	●	●	●	●	■	■			●	●	●		
Calcium Hypochlorite	●	♦	●	●	▲	●	●	▲	●	●		♦	▲	■	■			▲	●	●	▲
Calcium Nitrate	●	●	●	●	●	●	●	●	●		●	●	●	●	●			▲		●	
Calcium Sulfide	●	●	●	●	▲	●	●	●	●			●	●	■	■		●	▲		●	
Carbitol 2		▲	●	●		▲	▲	▲	▲			♦		■	▲		■	▲	▲	●	
Carbolic Acid (Phenol)		■	▲	●	♦	■	●	▲			■	■	■	■	■		■	■	■	●	■
Carbon Disulfide	●	■	■	●		■	●	▲	■	●	■	■	■	■				■	■	●	
Carbon Monoxide		●	●	▲	▲	●	●	▲	●	●	♦	●	●		■		●	●	▲	●	●
Carbon Tetrachloride	■	■	■	●	▲	■	●	♦	■	●	■	■	▲	■	■		■	■	■	●	■
Carbonic Acid		▲	●	●	●	●	●	●	●	●	●	▲	●	●	●	♦	●	●	▲	●	
Castor Oil	●	●	▲	●	●	▲	●	●	●		●	●	●	●	♦		●	●	●	●	
Cellosolve		■	▲	●		▲		■			■	■		■	▲		■	■	■	●	■
China Wood Oil, Tung Oil		●		●		■	●	▲	●		■	●	●	●	♦		♦	■	■	●	▲
Chloracetic Acid		■	▲	●		▲	■	■	▲		■	●	■	■	■		■		■	●	
Chlordane		▲	■	●		■	●	▲	♦		■	♦	▲					■	■		
Chlorinated Solvents		■	■	●		■	●	●	■	●	■	■	■	■	■		■	■	■	●	
Chlorine Dioxide		■	■	♦		■	●	▲	■		■	■	■	■	■		■	♦	■	●	
Chlorine, Wet	●	■	■	♦	▲		●	▲	■	●	■	■	♦	■	♦		■	■	■	●	■
Chlorine, Dry		■	■	▲	▲		●	●		●		■	♦	■	■		■	■	■	●	■
Chlorine Trifluoride		■	■	♦	■	■	■		■		■	■	■	■	■		■	■	■	●	
Chloroform	■	■	■	●		■	▲		■	●	■	■	■	■	■		■	■	■	●	■
Chlorosulfonic Acid	●	■	■	●		■	■	■	■	●	■	■		■	■		■	■	■	●	■
Chrome Plating Solution		■	■	●		■	●	▲	■		■	■	■	■	■		■	▲	■	●	
Chromic Acid	●	■		▲		■	●	●	▲	●		■		■	■			●	■	●	■
Citric Acid	●	●	●	●	●	●	●	●	●	●	●	●	●		■		●	●	●	●	●
Cod Liver Oil		●	●	●		●	●	●	▲	●	■	▲	●	●	■		●	▲	■	●	
Coffee		●	●			●	●	●	●		●	●		■	■		■	●	●		●
Coolanol Monsanto		●	■	●		■	●	▲	▲		■	▲	●	■	■		■	■	■		
Corn Oil		●	▲	●	●		●	●	▲	●	■		●	●	■		●	●	■	●	●
Creosote, Coal Tar		▲	■	●	■	■	●	●	■	●	■			●	♦			■	■	●	■
Creosylic Acid	●	■	■	●		■	●		■	●	■	■	●	■	■		■		■		
Crude Oil (Asphalt Base)		▲		●		■	●	▲		●		♦	●	●			●	■	■	●	●

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Cyclohexane	●	●	■	●		■	●	▲		●	■	■	●	▲	●	●	▲	■	■	●	♦
Denatured Alcohol		●	●	●	●	●	●	●	●		●	●	●	■	●		■	●	●	●	●
Di-ester Lubricant MIL-L-7808		▲	■	●		■	●	●	■		■	■	▲	▲	▲		■	■	■	●	
Diacetone Alcohol		■	●	●	■	●	■	■		●			■	■	▲		■		■	●	
Diacetone		■	●	●		●	■	■	■			■		■	▲		■	■	■	●	■
Dibenzyl Ether		■	▲	●	■	♦	■		■		■	■	■		▲		▲		■	●	
Dibutyl Phthalate		■	♦	●	▲	●		♦	■	●	■	■	■	■	▲		■	▲	■	●	■
Dichloro-Butane	●	▲	■	●		■	●	▲	■		■	■	▲	■	♦		■	■	■	●	
Diesel Oil	●	●	■	●	●	■	●	●	♦	●	■		●	▲	●			■	■	●	●
Diethylamine		♦	▲	●		▲		■	♦		▲	▲		■	▲		♦	▲	▲	●	
Diethylene Glycol		●	●	●	●	●	●	●	●	●	●	●		■			■	▲	●	●	
Dimethyl Formamide		♦	▲	▲		▲	■	■	■		■	■		■	▲		■	♦	■	●	
Dimethyl Phthalate		■	▲	●		▲	●	▲	■	●	■	■	■	■	▲		■		■	●	■
Dioxane	■	■	▲	●		▲	■	■	■		■	■	▲	■	■		■	■	■	●	
Diphenyl	●	■	■	●		■	●	▲	■	●	■	■	■	■	▲		■	■	■	●	
Dow Corning 550		●	●	●		●	●	▲	●		●	●	●	●	●		●	♦	●	●	●
Dow Guard		●	●	●		●	●	●	●		●	●	●	♦			♦	●	●		
Dowtherm A	●	■	■	●		▲	●	●	♦	●	■	■	■	■	■		■	●	■	●	
Elco 28 Lubricant		●	■	●		■	●	●	■		■	♦	●	●	▲		●	▲	■		●
Epoxy Resins			●	●		●	■					●									
Ethane		●	■	●		■	●	▲	▲	●	■	▲		●	●		♦	■	■	●	
Ethanol		●	●	●	●	●	●	●	●	●	●	●	●	■	●		■	▲	●	●	
Ethyl Acetoacetate	■	▲	●		▲	■	■	■		♦	■		■	▲		■	▲	♦	●		●
Ethyl Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	■	●	●	■	▲	●	●	
Ethyl Benzene	●	■	■	●	■	■	●	●	■	●	■	■	■	■	■		■	■	■	●	
Ethyl Benzoate	▲	■	■	●			●	●	■	●	■	■	■	■	▲		■	■	■	●	
Ethyl Cellulose		▲	▲	●		▲	■	■	▲		▲	▲		■	■		▲	♦	▲	●	
Ethyl Chloride		●	●	●	▲	●	●	●	■	●	■	■	●	♦	■		♦	■	▲	●	■
Ethyl Chlorocarbonate		■	■	●		■	●	▲	■	●	■	■	■	■	■		■	■	■	●	
Ethyl Ether		♦	■	●	▲	■	■	■	■	●	■	■	■	■	▲			■	■	●	♦
Ethyl Formate		■	▲	♦	■	▲	●	●	▲	●	■	▲	■		■				■	●	
Ethyl Hexanol		●	●	●		●	●	●	●	●	●	●		■	▲		■	▲	●	●	●
Ethyl Mercaptan		■	■	●	■						■				■		●	♦	■	●	
Ethyl Oxalate		■	■	●	■		●	▲	■			■		■	●		●	■	■	●	
Ethyl Pentachlorobenzene		■	■	●	♦	■	●	▲	■		■	■		■	■		■	■	■	●	

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Ethyl Silicate		●	●	●	●	●	●	●	▲		▲	●			▲		■		▲	●	
Ethylene		●	▲			■	●	●	●	●				▲			▲		■	●	
Ethylene Chloride		■	■	●		■	▲	■		●	■	■		■	▲		■	■	■		
Ethylene Diamine		▲	●	▲	●	●	■	■	▲	●	▲	●	●	■	■		■	●	▲	●	
Ethylene Dichloride	●	■	♦	●	■	■	▲	■		●	■	■		■	■		■	■	■	●	■
Ethylene Glycol	●	●	●	●	●	●	●	●	●	●	●	●	●	■	♦	▲	▲	●	●	●	●
Ethylene Oxide		■	■	♦	■	▲	■	■	■	●	■	■		■			■	■	■	●	■
Ethylene Trichloride		■	♦	●		■	●	♦	■	●	■	■	■	■	■		■	■	■	●	■
Formaldehyde	●	●	●	●	▲	●	●		▲	●		■			▲		♦				
Freon 11 (MF)		▲	■	▲		■		▲	●	●	■	■	▲		●			■	■	●	♦
Freon 12		●				♦				●			●				●		●	●	
Freon 13		●	●	▲	●	●	●	■	●			●			●		♦	■	●	●	
Freon 21		■	■	●	▲	■	■		■		■				■			■	■	●	
Freon 22		■	■	●	●	●			●	●		●		▲	■		■	■	●	●	■
Freon 31		■	●	▲		●	■		▲		▲	●			♦				▲	●	
Freon 32		●	●	●		●	■		●		●	●			●				●	●	
Freon 112		▲	■	▲		■	●		▲		■	▲	▲		●	●	▲	■	■	●	
Freon 113		●	■	♦	●	■	▲	■	●	●	■	●	●	●			▲	■	▲	●	♦
Freon 114		●		♦	●	■	●	▲	●	●		●	●		●		●	■	●	●	
Freon 114B2		▲	■	♦		■	▲		●		■	●	▲		▲			■	■	●	
Freon 502 (F22+F316)		▲	●	▲		●	▲				●	●							●		
Freon C318		●	●	♦		●	●		●		●	●	●		●				●	●	
FREON R134A																					
Freon TF	■	●	♦		●	■	▲	■	●	■	■	●	●		●			■	▲	●	♦
Fuel Oil		●	●	●	●	■	●	●	♦	●	■	▲	●	●	●			■	■	●	●
Furan		■	■	●		■			■		■	■	■	■	▲		■	■	■	●	
Furfural	●	■	●	▲	■	▲	■	■		●	■		■	■			■		■	●	■
Furfuryl Alcohol		■	▲	●		▲		■	■		■	■	■	■	■		■	■	■	●	
Gallic Acid		▲	▲	●		▲	●	●	▲		●	▲	▲	■			■		▲	●	
Gasoline, Automotive	▲	●	■	●	●	■	●	●	■	●	■	■		■	●	●		■	■	●	■
Gelatin		●	●	●	●	●	●	●	●	●	●	●		■				●	●	●	●
Glucose		●	●	●	●	●	●	●	●	●	●	▲	●		■			●	●	●	●
Glycerin		●	●	●	●	●	●	●	●	●	●	●		■	▲			●	●	●	●
Glycols, General		●	●	●	●	●	●	●	●	●	●	●		■	●		■	●	●	●	●
Grease, Petroleum Base		●	■			■	●	●	■		■			●	●		●	■	■	●	

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Helium		●	●	●		●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Heptane	▲	●	■			■	●	●	▲	●	■	▲	●	●	●		▲	■	■	●	●
Hexane	●	●	■		●	■	●	●	▲	●	■	▲		●	●	●	▲	■	■	●	●
Hexyl Alcohol		▲	♦	●		▲	▲	▲	▲	●	●	▲		■	●		■	▲	●	●	●
Hydraulic Oil, Petroleum Base		●		●	●	■	●	●	▲		■	▲	●		●			♦		●	●
Hydrazine	●	▲	●	▲		●	■	■	▲	●	■	▲			■		■		▲	●	
Hydrobromic Acid		■		●			♦	●	●	▲	■						■		●		
Hydrobromic Acid, Gas		■	●			●	●	■			▲			■			■	■	♦	●	
Hydrochloric Acid	●	■	●	●	■	♦				●		■		■	■	●	♦		■		
Hydrocyanic Acid		▲	▲	●		●	●	▲	●		▲	▲	▲	■	■		■		▲	●	
Hydrofluoric Acid	●	■		●			■	■		●				■	■		■			●	
Hydrogen Gas		●	●	●		●	●	♦	●		▲	●		▲			●	♦	▲	●	●
Hydrogen Peroxide	●	■		▲	▲			▲	▲	●		▲	■					■	●		
Hydroquinone		■	■	▲			▲	▲			▲	■	■	■	♦				■	●	
Iodine		▲	▲	●		▲	●	●	▲	●	■	■	●				■	♦	▲	●	●
Iso Octane	●	●	■	●	■	●	●	▲	●	■	▲	●	●	●		▲	■	■	●	●	●
Isobutyl Alcohol		▲	●	●		●	●	▲	●	●	●	●	▲	■	▲		■	●	●	●	●
Isopropanol		●	●	●	●	●	●	▲	●	●	●	▲	▲	■	●		■	●	●	●	●
Isopropyl Acetate		■	▲	●		▲	■	■	■	●	■	■	■	■	▲		■	■	■	●	■
Isopropyl Chloride		■	■	●		■	●	▲	♦	●	■	■	■	■	■		■	■	■	●	
Isopropyl Ether	■	▲	■	●		■	■	♦	♦	●	■	■	▲	♦	●		▲	■	■	●	■
JP 3 MIL-J5624		●	■	●	●	■	●	▲	■	●	■	■	●	▲	▲		♦	■	■	●	
JP 4 MIL-J5624		●	■	●	●	■	●	▲	■	●	■	■	●		▲		♦	■	■	●	
JP 5 MIL-J5624		●	■	●	●	■		▲	■	●	■	■	●		▲		▲	■	■	●	
JP 6 MIL-J25656		●	■	●	●	■	●	▲	■	●	■	■	●	▲	▲		♦	■	■		
Kerosene	●	●	■		●	■	●	●		●	■	♦	●		▲	●		■	■	●	♦
Lacquers		■	■	●	■	■	■	■	■	●	■	■	■	■	●		■	■	■	●	
Lacquer Solvents	■	■	■	●	■	■	■	■	■		■	■	■	■	●		■	■	■	●	■
Lard, Animal Fat		●	♦	●	●	▲	●	●	▲	●	■	▲	●	●	■			▲	■	●	●
Lindol, Hydraulic Fluid (Phosphate Ester Type)		■	●	●		●	▲	♦	■	●	■	■	●	■	■		■	♦	■	●	■
Linoleic Acid		▲	■	●		■	▲		■		■		▲		■			▲	■	●	
Linseed Oil	●	●	▲	●		♦	●	●	▲	●	■	●	●	●	▲		▲	●	■	●	
Liquefied Petroleum Gas (LPG)		●	■	●	●	■	●	▲		●	■		●		●			■	■	●	●
Lubricating Oils, Petroleum Base		●	■	●	●	■	●	●	■		■	▲	■	●	♦		▲		■	●	●
Lye		■	●	●	▲	●	▲	▲	●	●	▲	●	▲	■			▲	●	▲	●	

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Malathion		▲	■	●		■	●	▲			■						■	■	■		
Maleic Acid		♦	■	●		■	●		■	●	■	■	■	■	▲			■	■	●	●
Mercuric Chloride		●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	
Mercury		●	●	●	●	●	●		●	●	●	●	●		●		●	●	●	●	●
Methane		●	■	●	●	■	●		●	●		▲	●	▲	▲		♦			●	●
Methanol		▲	■	●		●		●	●	●	●	●	●	▲			♦	●		●	●
Methyl Acetate		■	▲	●	■	▲	■	■		●	■		■		▲		▲	■		●	■
Methyl Acrylate		■	▲	●		▲	■	■	■	●	■	■		■	▲		■	■	■	●	■
Methyl Alcohol	●	●	▲	●		●	♦	●	●	●	●	▲				●	▲	●		●	●
Methyl Bromide		▲		●			●	●	■	●		■	▲	♦			■		■	●	
Methyl Butyl Ketone		■	●	●		●	■	■	■	●	■	■	■	■	●		■	■	■	●	■
Methyl Cellosolve	●	♦	▲	●		▲	■	■		●	■	▲	♦	■			■	■	■	●	■
Methyl Chloride	●	■	■	●		■	●	▲	■	●	■	■	■	■	■		■	■	■	●	■
Methyl Ether		●		●		●	●	●	♦	●		♦	●	■	●			●	●	●	
Methyl Ethyl Ketone (MEK)	■	■	●	●	■	●	■	■	■	●	■	■	■	■	▲	■	■	■	■	●	■
Methyl Isobutyl Ketone (MIBK)	■	■	♦	●	■	▲	■	■	■	●	■	■	■	■	▲		■	■	■	●	■
Methyl Mercaptan			▲			●									▲					●	
Methyl Methacrylate		■	■	●		■	■	■	■		■	■	■	■	▲		■	■	■	●	■
Methyl Oleate		■	▲	●		▲	●	▲	■		■	■	■						■	●	
Methyl Propyl Salicylate	▲	■	▲			▲	▲		■		■	■								●	
Methylacrylic Acid			▲	●		▲	▲				■	▲								●	
Methylene Chloride		■	■	●			▲	▲	■	●	■	■		■	■		■	■	■	●	■
MIL-F-25558 (RJ-1)		●	■	●	●	■	●	●	▲	●	■	▲	●	●	●		■	■	■		
MIL-F-25656		●	■			■	●	▲	■		■	■		▲			▲	■	■		
MIL-G-25760		▲	■			■	●	▲	▲		■	▲		▲			▲	■	■		
MIL-H-5606	●	●	■			■	●	●	▲	●	■	▲		▲		●	▲	■	■		
MIL-H-7083		●	●			●	▲	●	▲		▲	▲		■			■	●	▲		
MIL-J 5624 JP-3, JP-4, JP-5		●	■	●	●	■	●	▲	■	●	■	■	●	▲	▲		♦	■	■	●	
MIL-L-25681		▲	●			●	●	▲	▲		▲	▲		▲			♦	■	▲		
MIL-R-25576 (RP-1)		●	■	●	●	■	●	●	♦		■	♦	●	●	●			■	■		
MIL-S-3136, Type 1 Fuel		●	■			■	●	●	▲		■		▲	●			●	■	■		
MIL-S-81087		●	●			●	●	●	●		●	●	●	●				♦	●		
Milk		●	●			●	●	●	●	●	●	●		■	▲			●	●	●	●
Mineral Oils		●	■	●	●	■	●	●	●		■	●	●	●	▲	●	●	▲	■	●	●
Monovinyl Acetate		■	●			▲		●	♦		■	■		■			■	■	■	●	

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N-Hexaldehyde		■	▲	●	●		■	■	♦		■	●			▲		▲	▲	■	■	
N-Octane		▲	■	●		■	●	▲	■		■	■		■	■		■	■	■	●	
Naphtha	●	●	■	●	●	■	●	■	■	●	■	■	▲	▲	▲	●		■	■	●	■
Naphthalene	●	■	■	●		■	●	●	■	●	■	■	■		■		▲	■	■	●	
Naphthalenic	●	▲	■	●		■	●	●	■	●	■	■			▲			■	■	●	
Natural Gas		●	■	●	●	■	●		●	●		●	●	▲	▲		♦		♦	●	●
Neatsfoot Oil		●	▲	●		▲	●	●	■	●	■	■	●	●	■		●	▲	■	●	
Nitric Acid	●	■	■	▲	■				■	●	■		■	■	■				■	●	
Nitrobenzene	●	■	▲	●	■	●		■	■	●	■	■	■	■	■		■	■	■	●	■
Nitroethane	●	■	▲	●		▲	■	■	♦	●	▲	♦		■			■	■	▲	●	
Nitrogen, Gas		●	●	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	●
Nitrogen Tetroxide		■	♦	■			■	■	■		■	■	■	■	■		■	■	■	●	
Nitromethane		■	▲	●		▲	■	■	♦	●	▲	■	■	■			■	■		●	
Nitropropane		■	▲	●		▲	■	■	■	●	■	■		■			■	■	■	●	
N-Pentane		●	■	●		■	●	♦	▲		■	●		●	●		■	■	♦		
Octyl Alcohol		▲	▲	●		▲	▲	▲	▲		▲	▲	▲		▲		■	▲	▲	●	●
Oleic Acid	●	●	■	●	●	♦	●	●	▲	●	■	♦	●	▲	●		▲	■	■	●	
Oleum (Fuming Sulfuric Acid)		■	■	●	■	■	▲	■	■	●	■	■	▲	■	■		■	■	■	●	■
Oronite 8200		▲	■	●		■	●	●	■		■	●	▲				●	■	■		
Oxalic Acid		▲	●	●	♦	●	●	●	●	●	♦	▲	▲		■		▲	▲	●		●
Oxygen, Cold		▲	●		▲	●	●	●	▲	●	▲	●	■	▲	■		●	●		●	
Oxygen, 200-400°F		■	■	●	■	■	▲					■	■	■	■		■		■	●	
Ozone		■	●	▲		●	●	●	●		■	▲	♦	▲	▲		●	●	■		●
Peanut Oil		●	♦	●	●	♦	●	●	▲	●	■			●	■		▲	●	■	●	
Petroleum Oil		●	■	●	●	■	●	●	▲		■	●		▲	■	●	▲	■	■	●	
Phenol	●		▲	●	♦	■	●	▲	■	●	■	■	■	■	■		■	■	■		■
Phenylhydrazine		■	■	●		■	●		■		●	■	■	■	■				▲	●	
Phosphoric Acid		■	▲	●		●	●	♦	▲	●	■	■		♦	■			■	▲	●	▲
Phosphorous Trichloride		■	●	●		●	●	●	■	●	■	■	■	■					■	●	
Pine Oil	●	▲	■	●		■	●	●	■		■	■		●	▲		●	■	■	●	
Potassium Nitrate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Potassium Sulfate		●	●	●	●	●	●	●	●	●	●	●	●	■	▲		●	●	■	■	
Producer Gas		●	■	●		■	●	▲	▲		■	▲	●	▲	■		●	▲	■	▲	
Propane		●	■	●	●	■	●	▲		●	■	♦	●		●			■	■	●	●
Propanol		●	●	●	●	●	●	●	●		●	●	●	■	●		■	●	●	■	●

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Propyl Acetate		■	▲	●	■	▲	■	■	■		■	■	■	■	▲		■	■	■	■	
Propyl Alcohol	●	●	●	●	●	●	●	●	●		●	●	●	■	●		■	●	●	●	●
Propylene		■	■	●		■	●	▲	■	●	■	■	■	■	▲		■	■	■	●	
Propylene Oxide		■	▲	●		▲	■	■	■	●	■	■	■	■			■	■	■	●	
Pydraul, 230C, 312C, 540C		■	■	▲	■	■	●	■	■		■	■	■	■	■		■	■	■	●	■
Pydraul, 30E, 50E, 65E, 90E		■	▲	▲	■	▲	●	●	■		■	■	■	■			■	●	■	●	■
Pydraul, 10E		■	▲	▲	■	▲	●	■	■		■	■	■	■			■	■	■	●	
Pyranol, Transformer Oil		●	■	●	■	■	●	●	▲		■	▲	●	●	■		▲	■	■		●
Pyrogard42,43, 53,55 (Phosphate Ester)		■	●	●		●	●	■	■		■	■	■	■	■		■	■	■	●	
Radiation		♦	■	▲		♦	■	■	♦		♦	♦	♦	♦	■			▲	♦	●	●
Rapeseed Oil		▲	●	●	●	●	●	●	■		■	▲	▲	▲	■		▲	■	■	●	
Red Oil		●	■	●	●	♦	●	●	▲		■	♦	●	▲	●		▲	■	■	●	
RJ-1 (MIL-F-25558)		●	■	●	●	■	●	●	▲	●	■	▲	●	●	●		▲	■	■		
RP-1 (MIL-R-25576)		●	■	●	●	■	●	●	♦		■	♦	●	●	●			■	■		
Sea Water		●	●	●		●	●	●	●	●	●	▲	●		■			●	●	●	●
Silicone Greases		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	♦	●	●	●
Silicone Oils		●	●	●	●	●	●	●	●	●		●	●	●	●		●	■	●	●	●
Silver Nitrate		▲	●	●	■	●	●	●	●	●	●	●	▲	●	▲		●	●	●	●	
Skydrol 500	●	■	▲	●	■	●	■		■	●	■	■	■	■	■	▲	■	♦	■	●	■
Sodium Bicarbonate		●	●	●	●	●	●	●	●	●	●	●	●	■	♦		●	●	●	●	●
Sodium Carbonate	●	●	●	●	●	●	●	●	●	●	●	●	●	■	■		▲	●	●	●	●
Sodium Chloride	●	●	▲	●	●	●	●	●	●	●	●	●	●	●	♦		●	●	●	●	●
Sodium Hydroxide	●	●	●	●		●				●		●									
Soybean Oil		●		●	●	■	●	●		●	■	●	●	●	■		▲	●	■	●	▲
Steam to 350°F	●	■	▲			●	■	■	■	●	■		●			■	■	■		●	
Stearic Acid	●	●	▲	●	▲	▲	●	♦	♦	●		▲	▲	■	▲		●	▲	●	●	
Stoddard Solvent		●	■	●	●	■	●	●	■	●	■	♦	●	●	▲		▲	■	■	●	♦
Styrene Monomer	▲	▲	▲	●		■	▲	♦	■	●	■	■	■	■	■		♦	■	■	●	■
Sucrose Solutions		●	●	●		●	●	♦	▲	●	●	●	▲	■	■			●	●	●	
Sulfur Chloride		■	■	●		■	●	●		●	■	■	■	■	■		♦	♦	■	▲	
Sulfur Dioxide Gas, Dry		■	▲	●		●	●	▲		●	♦	■	■	■	■			▲	♦	●	▲
Sulfur Dioxide Gas, Wet	●	■	●	●		●	●	▲		●		▲	■	■	■		♦	▲		●	▲
Sulfur Dioxide, Liquefied Under Pressure		■	▲	●		●	■	▲	■		■	■	■	■	■			▲	■		
Sulfur Hexafluoride		▲	●	▲	●	●		▲	▲		■	●	▲	■	♦		▲	▲	■	●	
Sulfur Trioxide		■	▲	▲		♦	●	▲	■	●	♦	■		■	■		■	▲	■	●	

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Chemical Compatibility Table

This chemical compatibility information is for use as a general guideline only. The customer assumes sole responsibility for the design, and must test and verify the material of the seal for each specific application.

Exposure Rating Guide:

- ● Good
- ▲ Fair (Usually OK for static seal.)
- ♦ Questionable (Sometimes OK for static seal.)
- ■ Poor

Blank Insufficient data at time of publication.

All recommendations for 70°F temperature

	Aflas™	Buna-N (Nitrile)	Butyl	Chemraz®	Epichlorohydrin	Ethylene-Propylene	Fluorocarbon	Fluorosilicone	Hypalon®	Kalrez®	Natural Rubber	Neoprene®	Nitrile, Hydrogenated	Polyacrylate	Polysulfide	Polyurethane, Cast	Polyurethane, Millable	Silicone	Styrene Butadiene	Teflon®, Virgin	Vamac®
Sulfuric Acid (Concentrated)	●	■			■					●					■					●	■
Sulfurous Acid	●	♦	●	●		●	●		●	●		▲	▲	■	■		■	■	▲	●	
Tannic Acid		●	●	●	▲	●	●	●	●	●	●	●	●	■	●		●	▲	▲	●	▲
Tartaric Acid		●	▲	●	▲	♦	●	●	●	●	●	●	●		■		●	●	▲	●	▲
Tertiary Butyl Alcohol		▲	▲	●		▲	●	▲	▲		▲	▲	▲	■	▲		■	▲	▲	●	
Tertiary Butyl Mercaptan		■	■	●		■	●		■		■	■	■	■	■		■	■	■	●	
Tetrabromoethane		■	■	●		■	●	▲	■		■	■	■	■	■		■	■	●		
Tetrabutyl Titanate		▲	▲	●		●	●	●	●		▲	▲	▲						▲	●	
Tetrachloroethane		■	■	●		■	●		▲	●	■	■	■	■	●		■	■	■	●	
Tetrachloroethylene		♦	■	●		■	●	▲	■	●	■	■		■	■		■		▲	●	
Tetraethyl Lead		▲	■	●		■	●		■	●	■	♦	▲				▲		■	●	
Tetrahydrofuran		■	▲	●		■	■	■	■	●	■	■	■	■	●		■	■	■	●	■
Tetralin		■	■	●		■	●	●	■		■	■	■	■	■		■	■	■	●	
Toluene	■	♦		●		■	●	▲	■	●	■	■	■	■			■	■	■	●	■
Transmission Fluid, Type A		●	■	●	●	■	●	●	▲		■	▲	●	●	●		●	▲	■	●	●
Triethanolamine	●	▲		▲		●	■	■	●	●	▲	■	♦	■	■		■	■	▲	●	
Turbine Oil		▲	■	●	●	■	●	▲			■	▲	●	▲	●		●	■	■	●	●
Turpentine	▲	●	■	●	●	■	●	▲	■	●	■	■	●	▲	▲		■	■	■	●	
Varnish		▲	■	●		■	●	▲	■	●	■	■	▲	■	●			■	■	●	●
Vinegar		▲	●			●	●	♦	●	●	▲	▲		■	▲			●	▲	●	▲
VV-H-910		♦		●	▲	●	●	▲	▲		▲	▲	♦		■		■		●		
Wagner 21B Brake Fluid		▲	▲	●		●	■	■	▲			▲	♦	■	■		■	♦	●	●	■
Water, Fresh	●	●	●	▲	▲	●	▲	●	●	●	●	▲	●	■	■		●	▲	▲	●	●
Whiskey		●	●	●		●	●	●	●	●	●	●	●	■	■		■	●	●	●	●
White Pine Tar		▲	■	●		■	●	●	■		■	■	▲		▲			■	■	●	
Xylene	▲	■	■	●	■	■	●		■	●	■	■	■	■	▲		■	■	■	●	■