

Chemical Compatibility Table

All recommendations for Room Temperature	Material																
	AFLAS® [TFE/P]	Nitrile (Buna-N)	Butyl	Epichlorohydrin	Ethylene-Propylene	Fluorocarbon (Viton™)	Fluorosilicone	FFKM	Natural Rubber	Chloroprene (Neoprene)	Nitrile, Hydrogenated	Polyacrylate	Polyurethane (Millable, Cast)	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	●	▲	▲	□	▲	▲	▲	●	▲	◆	▲	■	■	▲	▲	●	■
Carbolic Acid (Phenol)	□	■	▲	□	▲	●	●	●	■	■	■	■	◆	■	■	●	■
Carbon Bisulfide	●	◆	■	■	■	●	●	●	■	■	◆	◆	■	■	■	●	□
Carbon Monoxide	●	●	●	▲	●	●	▲	●	◆	●	●	□	●	●	▲	●	●
Carbon Tetrachloride	■	◆	■	▲	■	●	◆	●	■	■	▲	■	■	■	■	●	■
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	▲	■	◆	▲	●	◆	◆	●	■	■	■	■	■	▲	■	●	■
Dichiaro-Butane	●	▲	■	□	■	●	▲	●	■	■	▲	■	■	■	■	●	□
Diesel Oil	●	●	■	●	■	●	●	●	■	◆	●	▲	◆	■	■	●	●
Diethylamine	■	▲	▲	□	▲	■	■	●	▲	▲	◆	■	◆	▲	▲	●	□
Diethylene Glycol	●	●	●	●	●	●	●	●	●	●	●	▲	■	▲	●	●	□
Dimethyl Formamide	●	▲	▲	□	▲	■	■	●	■	■	◆	■	■	▲	■	●	□
Dimethyl Phthalate	▲	■	▲	□	▲	●	▲	●	■	■	■	■	■	□	■	●	■
Dioxane	■	■	▲	□	▲	■	◆	●	■	■	▲	■	■	■	■	●	□
Diphenyl	●	■	■	□	■	●	▲	●	■	■	■	■	■	■	■	●	□
Dow Corning 550	□	●	●	□	●	●	▲	●	●	●	●	●	●	◆	●	●	●
Dow Guard	□	●	●	□	●	●	●	●	●	●	●	◆	◆	●	●	□	□
Dowtherm	●	■	■	■	▲	●	●	●	■	■	■	■	■	◆	■	●	□
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	□	●	●	●	■	●	▲	▲	●	●	●	●	●	■	●	●	□
Freon142b	■	●	■	□	■	■	□	▲	▲	●	▲	●	□	■	■	●	□
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, cold	●	◆	●	■	●	●	▲	●	▲	◆	◆	■	■	◆	■	●	□
Hydrocyanic Acid	●	▲	▲	□	●	●	▲	●	▲	▲	▲	■	■	◆	▲	●	□
Hydrofluoric Acid, cold	●	■	◆	□	◆	●	■	●	■	■	■	■	◆	■	■	●	□
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 (Phosphale EslerType)	□	■	●	□	●	▲	◆	●	■	■	●	■	■	◆	■	●	■
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 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 Acetylene	☐	●	▲	☐	▲	●	☐	●	▲	▲	●	■	■	▲	▲	●	☐

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N-Hexaldehyde	□	■	▲	●	●	■	■	●	■	●	■	□	▲	▲	■	■	□
N-Octane	□	▲	■	□	■	●	▲	●	■	▲	▲	■	■	■	■	●	■
Naphtha	●	▲	■	●	■	●	▲	●	■	◆	▲	▲	▲	■	■	●	■
Naphthalene	●	■	■	□	■	●	●	●	■	■	■	□	▲	■	■	●	□
Naphthalenic Acid	▲	▲	■	□	■	●	●	●	■	■	▲	□	□	■	■	●	□
Natural Gas	□	●	■	●	■	●	◆	●	▲	●	●	▲	▲	●	◆	●	●
Neatsfoot Oil	□	●	▲	□	▲	●	●	●	■	■	●	●	●	▲	■	●	□
Nitric Acid (Dilute)	▲	■	■	■	▲	●	▲	●	■	▲	■	■	◆	▲	■	●	■
Nitrobenzene	●	■	▲	■	●	▲	■	●	■	■	■	■	■	■	■	●	■
Nitroethane	●	■	▲	□	▲	■	■	●	▲	◆	■	■	■	■	▲	●	□
Nitrogen, Gas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nitrogen Tetroxide	□	■	◆	□	◆	■	■	▲	■	■	■	■	■	■	■	●	□
Nitromethane	●	■	▲	□	▲	■	■	●	▲	▲	■	■	■	■	▲	●	□
Nitropropane	▲	■	▲	□	▲	■	■	●	■	◆	■	■	■	■	▲	●	□
N-Pentane	□	▲	■	□	■	●	▲	●	■	▲	▲	■	■	■	■	●	□
Octyl Alcohol	□	▲	◆	□	◆	●	▲	●	▲	▲	▲	■	■	▲	▲	●	■
OleicAcid	●	◆	■	●	■	▲	□	●	■	◆	◆	■	▲	■	■	●	□
Oleum Spirits	□	▲	■	■	■	●	▲	●	■	◆	▲	◆	■	■	■	●	■
Oronite 8200	□	▲	■	□	■	●	●	□	■	●	▲	□	●	■	■	□	□
Oxalic Acid	●	▲	●	◆	●	●	●	●	▲	▲	▲	▲	▲	▲	●	●	●
Oxygen, Cold	●	▲	●	▲	●	●	●	●	▲	●	■	▲	●	●	▲	●	□
Oxygen, 200-400°F	●	■	■	■	◆	▲	■	●	●	■	■	■	■	▲	■	●	□
Ozone	●	■	▲	●	●	●	▲	●	■	▲	◆	▲	●	●	■	●	●
Peanut Oil	●	●	◆	●	◆	●	●	●	■	◆	●	●	▲	●	■	●	□
Petroleum Oil, below 250°F	□	●	■	●	■	●	▲	●	■	▲	●	▲	▲	▲	■	●	□
Phenol	●	■	▲	◆	▲	●	●	●	■	◆	■	■	◆	■	■	●	■
Phenyhydrazine	●	■	▲	□	▲	●	□	●	●	■	■	■	□	□	▲	●	□
Phosphoric Acid 20%	●	▲	▲	□	●	●	▲	●	▲	▲	▲	◆	●	▲	▲	●	▲
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, SOE, 65E, 90E	□	■	●	■	●	●	●	●	■	■	■	■	■	●	■	●	■
Pydraul, 10E	□	■	●	■	●	●	■	●	■	■	■	■	■	■	■	●	□
Pyranol, Transformer Oil	□	●	■	■	■	●	●	●	■	▲	●	●	▲	■	■	●	●
Pyrogard 42,43, 53, 55 (Phosphate Ester)	□	■	●	□	●	●	■	□	■	■	■	■	■	■	■	●	□
Radiation	▲	◆	■	□	▲	◆	■	●	◆	◆	◆	◆	◆	▲	◆	●	◆
Rapeseed Oil	□	▲	●	●	●	●	●	●	■	▲	▲	▲	▲	■	■	●	□
Red Oil (MIC-H-5606)	□	●	■	●	■	●	●	●	■	▲	●	●	●	■	■	●	□
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	▲	■	■	□	■	▲	◆	●	■	■	■	■	◆	■	■	●	■
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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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	●	▲	●	□	●	●	◆	●	▲	▲	▲	■	■	●	▲	●	▲
W-H-910	□	◆	□	▲	●	●	▲	●	▲	▲	◆	□	■	□	●	□	□
Wagner 218 Brake Fluid	▲	◆	▲	■	●	■	■	●	▲	▲	◆	■	■	◆	●	●	■
Water, Fresh	●	●	●	●	●	●	●	●	●	●	●	■	◆	●	●	●	●
Whiskey	□	●	●	□	●	●	●	●	●	●	●	■	▲	●	●	●	●
White Pine Tar	□	▲	■	□	■	●	●	●	■	■	▲	□	□	■	■	●	□
Xylen	▲	■	■	■	■	●	●	●	■	■	■	■	■	■	■	●	■

- Good
- ▲ Fair (OK for static seal)
- ◆ Questionable (OK for static seal)
- Poor
- Insufficient data at time of publication