

Garlock

STRESS SAVER® Chemical Resistance Chart

Key:

A = Recommended

B = Depends on operating conditions

C = Unsuitable

- = No data or insufficient evidence

Rev. 8/2023

Ratings are based on ambient temperature (70°F) unless otherwise specified.

For elevated temperature services, please consult Applications Engineering.

Medium	STRESS SAVER® XP	STRESS SAVER® 370	STRESS SAVER® 6800	STRESS SAVER® 3504/3503	STRESS SAVER® 3522
Abietic Acid	A	-	-	A	A
Acetaldehyde	C	A	A	A	A
Acetamide	A	A	A	A	A
Acetic Acid (Crude, Glacial, Pure)	C	A ¹	C	A ¹	A ¹
Acetic Anhydride	C	A ¹	B	A ¹	A ¹
Acetone	C	A	A	A	A
Acetonitrile	C	A	A	A	A
Acetophenone	C	A	A	A	A
2-Acetylaminofluorene	-	-	-	A	A
Acetylene	A	A	A	A	A
Acrolein	C	A ¹	A	A ¹	A ¹
Acrylamide	-	-	-	A ¹	A ¹
Acrylic Acid	C	-	-	A ¹	A ¹
Acrylic Anhydride	-	-	-	A ¹	A ¹
Acrylonitrile	C	C	C	A ¹	A ¹
Air (<200°F)	A	A	A	A	A
Allyl Acetate	-	-	-	A	A
Allyl Chloride	-	B	C	A	A
Allyl Methacrylate	-	-	-	A ¹	A ¹
Aluminum Chloride	A	A	A	A	A
Aluminum Fluoride	A	A	A	-	A
Aluminum Hydroxide	A	A	A	A	A
Aluminum Nitrate	A	A	A	A	A
Aluminum Sulfate	A	A	A	A	A
Alums	A	A	A	A	A
4-Aminodiphenyl	-	-	-	A	A
Ammonia, Gas, 150°F and below	C	A	A	A	A
Ammonia, Gas, Above 150°F	C	A	B	A	A
Ammonia, Liquid, Anhydrous	C	A	A	A	A
Ammonium Chloride	A	A	A	A	A
Ammonium Hydroxide	A	A	A	A	A
Ammonium Nitrate	A	A	A	A	A
Ammonium Phosphate, Monobasic	A	A	A	A	A
Ammonium Phosphate, Dibasic	A	A	A	A	A
Ammonium Phosphate, Tribasic	A	A	A	A	A
Ammonium Sulfate	A	A	A	A	A
Amyl Acetate	C	A	A	A	A
Amyl Alcohol	A	A	A	A	A
Aniline, Aniline Oil	B	A	B	A	A
Aniline Dyes	A	A	B	A	A
o-Anisidine	-	A	-	A	A
Aqua Regia	A	B	C	A	A
Aroclors	A	B	C	A	A
Asphalt	A	B	C	A	A
Aviation Gasoline	-	B	C	A	A
Barium Chloride	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A
Barium Sulfide	A	A	A	A	A
Baygon	-	-	-	A	A
Beer	A	A	A	A	A
Benzaldehyde	C	-	-	A	A
Benzene, Benzol	A	B	C	A	A
Benzidine	-	-	-	A	A
Benzoic Acid	A	B	C	A	A
Benzonitrile	-	-	-	A	A
Benzotrichloride	-	-	-	A	A
Benzoyl Chloride	A	B	C	A	A
Benzyl Alcohol	A	B	C	A	A
Benzyl Chloride	A	B	C	A	A
BioDiesel (B100)	A	B	C	A	A
Biphenyl (Diphenyl)	A	B	C	A	A
Bis(2-chloroethyl)ether	-	-	-	A	A

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Bis(chloromethyl)ether	-	-	-	A	A
Bis(2-ethylhexyl)phthalate	-	-	-	A	A
Black Liquor	A	A	A	B	A
Blast Furnace Gas	A	B	C	A	A
Bleach (Sodium Hypochlorite)	A	A	B	A	A
Boiler Feed Water	-	A	A	A	A
Borax	A	A	A	A	A
Boric Acid	A	A	A	A	A
Brine (Sodium Chloride)	A	A	A	A	A
Bromine	A	B	C	A	A
Bromine Trifluoride	C	C	C	C	C
Bromoform	-	-	-	A	A
Bromomethane	A	B	C	A	A
Butadiene	A	B ¹	C	A ¹	A ¹
Butane	A	B	C	A	A
2-Butanone	-	A	A	A	A
Butyl Acetate	C	B	C	A	A
Butyl Alcohol, Butanol	A	A	B	A	A
n-Butyl Amine	C	B	C	A	A
tert-Butyl Amine	C	B	C	A	A
Butyl Methacrylate	C	-	-	A ¹	A ¹
Butyric Acid	B	A	B	A	A
Calcium Bisulfite	A	B	C	A	A
Calcium Chloride	A	A	A	A	A
Calcium Cyanamide	-	-	-	A	A
Calcium Hydroxide	A	A	A	A	A
Calcium Hypochlorite	A	A	A	A	A
Calcium Nitrate	A	A	A	A	A
Calflo AF	-	-	-	A	A
Calflo FG	-	-	-	A	A
Calflo HTF	-	-	-	A	A
Calflo LT	-	-	-	A	A
Cane Sugar Liquors	A	-	-	A	A
Caprolactam	C	-	-	A	A
Captan	-	-	-	A	A
Carbaryl	-	-	-	A	A
Carbolic Acid, Phenol	A	B	C	A	A
Carbon Dioxide, Dry	A	A	B	A	A
Carbon Dioxide, Wet	A	A	B	A	A
Carbon Disulfide	A	B	C	A	A
Carbon Monoxide	A	A	A	A	A
Carbon Tetrachloride	A	B	C	A	A
Carbonic Acid	A	A	A	A	A
Carbonyl Sulfide	-	-	-	A	A
Castor Oil	A	A	B	A	A
Catechol	-	-	-	A	A
Caustic Soda	B	A	B	B	A
Cetane (Hexadecane)	A	B	C	A	A
China Wood Oil	A	B	C	A	A
Chloramben	-	-	-	A	A
Chlorazotic Acid (Aqua Regia)	C	B	C	A	A
Chlordane	A	B	C	A	A
Chlorinated Solvents, Dry	A	B	C	A	A
Chlorinated Solvents, Wet	A	B	C	A	A
Chlorine, Dry	A	B	C	A	A
Chlorine, Wet	A	B	C	A	A
Chlorine Dioxide	A	B	C	A	A
Chlorine Trifluoride	C	C	C	C	C
Chloroacetic Acid	C	A	B	A	A
2-Chloroacetophenone	-	-	-	A	A
Chloroazotic Acid (Aqua Regia)	-	B	C	A	A
Chlorobenzene	A	B	C	A	A
Chlorobenzilate	-	-	-	A	A

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Check temperature!

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Check concentration of caustic

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Chloroethane	A	A	A	A	A
Chloroethylene	-	-	-	A	A
Chloroform	A	B	C	A	A
Chloromethyl Methyl Ether	-	-	-	A	A
Chloronitrous Acid (Aqua Regia)	C	B	C	A	A
Chloroprene	A	B	C	A	A
Chlorosulfonic Acid	C	B	C	A	A
Chrome Plating Solutions	A	B	C	A	A
Chromic Acid	A	B	C	A	A
Chromic Anhydride	-	-	-	A	A
Chromium Trioxide	-	-	-	A	A
Citric Acid	A	A	A	A	A
Coke Oven Gas	A	B	C	A	A
Copper Chloride	A	A	A	A	A
Copper Sulfate	A	A	A	A	A
Corn Oil	A	B	C	A	A
Cotton Seed Oil	A	B	C	A	A
Creosote	A	B	C	A	A
Cresols, Cresylic Acid	A	B	C	A	A
Crotonic Acid	A	-	-	A	A
Crude Oil	A	B	C	A	A
Cumene	A	B	C	A	A
Cyclohexane	A	B	C	A	A
Cyclohexanone	C	B	C	A	A
2,4-D, Salts and Esters	-	-	-	A	A
Detergent Solutions	A	A	A	B	A
Diazomethane	-	-	-	A	A
Dibenzofuran	-	-	-	A	A
Dibenzylether	A	B	C	A	A
1,2-Dibromo-3-chloropropane	-	-	-	A	A
Dibromoethane	-	-	-	A	A
Dibutyl Phthalate	A	A	A	A	A
Dibutyl Sebacate	A	A	B	A	A
o-Dichlorobenzene	A	B	C	A	A
1,4-Dichlorobenzene	A	B	C	A	A
3,3-Dichlorobenzidene	A	-	-	A	A
Dichloroethane (1,1 or 1,2)	A	B	C	A	A
1,1-Dichloroethylene	A	B ¹	C	A ¹	A ¹
Dichloroethyl Ether	-	-	-	A	A
Dichloromethane	A	B	C	A	A
1,2-Dichloropropane	A	B	C	A	A
1,3-Dichloropropene	A	B	C	A	A
Dichlorvos	-	-	-	A	A
Diesel Oil	A	B	C	A	A
Diethanolamine	-	A	A	A	A
N,N-Diethylaniline	C	A	A	A	A
Diethyl Carbonate	A	B	C	A	A
Diethyl Sulfate	-	A	A	A	A
3,3-Dimethoxybenzidene	-	-	-	A	A
Dimethylaminoazobenzene	-	-	-	A	A
N,N-Dimethyl Aniline	-	-	-	A	A
3,3-Dimethylbenzidine	-	-	-	A	A
Dimethyl Carbamoyl Chloride	-	-	-	A	A
Dimethyl Ether	C	A	B	A	A
Dimethylformamide	C	A	B	A	A
Dimethyl Hydrazine, Unsymmetrical	-	-	-	A	A
Dimethyl Phthalate	A	A	B	A	A
Dimethyl Sulfate	-	-	-	A	A
4,6-Dinitro-o-Cresol and Salts	-	-	-	A	A
2,4-Dinitrophenol	-	-	-	A	A
2,4-Dinitrotoluene	C	B	C	A	A
Dioxane	C	A	B	A	A
1,2-Diphenylhydrazine	-	A	-	A	A

Assuming no fluorides

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Diphyl DT	- A	- A	A	A	
Dowfrost	- A	- A	A	A	
Dowfrost HD	- A	- A	A	A	
Dowtherm 4000	- B	C	A	A	
Dowtherm A	A	B	C	A	A
Dowtherm E	A	B	C	A	A
Dowtherm G	- B	C	A	A	
Dowtherm HT	- B	C	A	A	
Dowtherm J	- B	C	A	A	
Dowtherm Q	- B	C	A	A	
Dowtherm SR-1	- B	C	A	A	
Epichlorohydrin	C	B	C	A	A
E85 (85% Ethanol, 15% Gas)			A	A	
1,2-Epoxybutane	-	-	-	A	A
Ethane	A	B	C	A	A
Ethanol, Ethyl Alcohol	A	A	A	A	A
Ethers	C	B	C	A	A
Ethyl Acetate	C	A	A	A	A
Ethyl Acrylate	C	A ¹	B	A ¹	A ¹
Ethyl Alcohol	A	A	A	A	A
Ethylbenzene	A	B	C	A	A
Ethyl Carbamate	-	-	-	A	A
Ethyl Cellulose	C	A	B	A	A
Ethyl Chloride	A	A	A	A	A
Ethyl Ether	C	B	C	A	A
Ethyl Hexoate	-	-	-	A	A
Ethylene	A	B	C	A	A
Ethylene Bromide	-	B	C	A	A
Ethylene Dibromide	A	B	C	A	A
Ethylene Dichloride	A	B	C	A	A
Ethylene Glycol	A	A	A	A	A
Ethyleneimine	-	-	-	-	-
Ethylene Oxide	C	B1	C	A ¹	A ¹
Ethylene Thiourea	-	-	-	A	-
Ethyldine Chloride	-	B	C	A	A
Ferric Chloride	A	A	A	A	A
Ferric Phosphate	-	-	-	A	A
Ferric Sulfate	A	A	A	A	A
Fluorine, Gas	B	C	C	-	-
Fluorine, Liquid	B	C	C	-	-
Fluorine Dioxide	-	C	-	C	C
Formaldehyde	C	A ¹	B	A ¹	A ¹
Formic Acid	C	A	A	A	A
Fuel Oil #1	A	B	C	A	A
Fuel Oil, Acid	-	B	C	A	A
Furfural	C	A	B	A	A
Gasoline, Refined	A	B	C	A	A
Gasoline, Sour	-	B	C	A	A
Gelatin	A	A	A	A	A
Glucose	A	A	A	A	A
Glue, Protein Base	A	A	A	A	A
Glycerine, Glycerol	A	A	A	A	A
Glycol	A	A	A	A	A
Grain Alcohol	A	A	A	A	A
Grease, Petroleum Base	A	B	C	A	A
Green Sulfate Liquor	A	A	A	B	A
Heptachlor	A	B	C	A	A
Heptane	A	B	C	A	A
Hexachlorobenzene	-	-	-	A	A
Hexachlorobutadiene	-	-	-	A	A
Hexachlorocyclopentadiene	-	-	-	A	A
Hexachloroethane	A	-	-	A	A

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Hexadecane	A	-	-	A	A
Hexamethylene Diisocyanate	-	-	-	A	A
Hexamethylphosphoramide	-	-	-	A	A
Hexane	A	B	C	A	A
Hexone	C	A	B	A	A
Hydraulic Oil, Mineral	A	B	C	A	A
Hydraulic Oil, Synthetic	B	B	C	A	A
Hydrazine	C	A	A	A	A
Hydrobromic Acid	A	A	A	A	A
Hydrochloric Acid	A	A	B	A	A
Hydrocyanic Acid	A	A	A	A	A
Hydrofluoric Acid, Anhydrous	C	B	C	C	B
Hydrofluoric Acid, Less than 65%, Above 150°F	C	B	C	C	B
Hydrofluoric Acid, 65% to Anhydrous, Above 150°F	C	B	C	C	B
Hydrofluoric Acid, Up to Anhydrous, 150°F & below	C	B	C	C	B
Hydrofluorosilicic Acid	A	A	A	C	A
Hydrofluosilicic Acid	A	A	A	C	A
Hydrogen	A	A	A	A	A
Hydrogen Bromide	-	A	A	A	A
Hydrogen Fluoride	C	A	B	C	A
Hydrogen Peroxide, 10%	A	B	C	A	A
Hydrogen Peroxide, 10-90%	A	B	C	A	A
Hydrogen Sulfide, Dry or Wet	C	A	B	A	A
Hydroquinone	A	B	C	A	A
Iodine Pentafluoride	C	-	C	-	-
Iodomethane	-	-	-	A	A
Isobutane	A	B	C	A	A
Isooctane	A	B	C	A	A
Isophorone	C	A	A	A	A
Isopropyl Alcohol	A	A	A	A	A
Jet Fuels (JP Types)	A	B	C	A	A
Kerosene	A	B	C	A	A
Lacquer Solvents	C	B	C	A	A
Lacquers	C	B	C	A	A
Lactic Acid, (COLD)	A	A	A	A	A
Lactic Acid, (HOT)	A	A	B	A	A
Lime Saltpeter (Calcium Nitrates)	A	A	A	A	A
Lindane	-	-	-	A	A
Linseed Oil	A	B	C	A	A
Liquified Petroleum Gas (LPG)	A	B	C	A	A
Lithium Bromide	A	A	B	A	A
Lithium, Elemental	-	C	-	C	C
Lubricating Oils, Mineral or Petroleum Types	A	B	C	A	A
Lubricating Oils, Refined	-	B	C	A	A
Lubricating Oils, Sour	-	B	C	A	A
Lye	A	A	A	B	A
Magnesium Chloride	A	A	A	A	A
Magnesium Hydroxide	A	A	A	A	A
Magnesium Sulfate	A	A	A	A	A
Maleic Acid	A	A	A	A	A
Maleic Anhydride	C	B	C	A	A
Mercuric Chloride	A	A	A	A	A
Mercury	A	A	A	A	A
Methane	A	B	C	A	A
Methanol, Methyl Alcohol	A	A	A	A	A
Methoxychlor	-	-	-	A	A
Methylacrylic Acid	-	B	C	A	A
Methyl Alcohol	A	A	A	A	A
2-Methylaziridine	-	-	-	-	-
Methyl Bromide	A	B	C	A	A
Methyl Chloride	A	B	C	A	A
Methyl Chloroform	A	B	C	A	A
4,4 Methylene Bis(2-chloroaniline)	-	-	-	A	A

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Methylene Chloride	B	B	C	A	A
4,4-Methylene Dianiline	-	-	-	A	A
Methylene Diphenyldiisocyanate	-	-	-	A	A
Methyl Ethyl Ketone	C	A	A	A	A
Methyl Hydrazine	-	-	-	A	A
Methyl Iodide	-	A	A	A	A
Methyl Isobutyl Ketone (MIBK)	C	-	-	A	A
Methyl Isocyanate	B	-	-	A	A
Methyl Methacrylate	C	B ¹	C	A ¹	A ¹
N-Methyl-2-Pyrrolidone	-	-	-	A	A
Methyl Tert. Butyl Ether (MTBE)	C	B	C	A	A
Milk	A	A	A	A	A
Mineral Oils	A	B	C	A	A
Mobiltherm 600	A	B	C	A	A
Mobiltherm 603	-	B	C	A	A
Mobiltherm 605	-	B	C	A	A
Mobiltherm Light	-	B	C	A	A
Molten Alkali Metals	-	C	C	C	C
Monomethylamine	-	A	A	A	A
MultiTherm 100	-	-	-	A	A
MultiTherm 503	-	-	-	A	A
MultiTherm IG-2	-	-	-	A	A
MultiTherm PG-1	-	-	-	A	A
Muriatic Acid	-	A	B	A	A
Naphtha	A	B	C	A	A
Naphthalene	A	B	C	A	A
Naphthols	-	-	-	A	A
Natural Gas	A	B	C	A	A
Nickel Chloride	A	A	A	A	A
Nickel Sulfate	A	A	A	A	A
Nitric Acid, up to 70% to 70°F	A	B	C	A	A
Nitric Acid, over 70°F	C	B	C	A	A
Nitric Acid, Crude	C	B	C	A	A
Nitric Acid, Red Fuming	C	B	C	A	A
Nitrobenzene	A	A	B	A	A
4-Nitrobiphenyl	-	-	-	A	A
2-Nitro-Butanol	-	-	-	A	A
Nitrocalcite (Calcium Nitrate)	A	A	A	A	A
Nitrogen	A	A	A	A	A
Nitrogen Tetroxide	C	B	C	A	A
Nitrohydrochloric Acid (Aqua Regia)	C	B	C	A	A
Nitromethane	C	A	B	A	A
2-Nitro-2-Methyl Propanol	-	-	-	A	A
Nitromuriatic Acid (Aqua Regia)	-	B	C	A	A
4-Nitrophenol	C	-	-	A	A
2-Nitropropane	C	A	B	A	A
N-Nitrosodimethylamine	-	-	-	A	A
N-Nitroso-N-Methylurea	-	-	-	A	A
N-Nitrosomorpholine	-	-	-	A	A
Norge Niter (Calcium Nitrate)	A	A	A	A	A
Norwegian Saltpeter (Calcium Nitrate)	A	A	A	A	A
N-Octadecyl Alcohol	-	-	-	A	A
Octane	A	B	C	A	A
Oil, Petroleum	A	B	C	A	A
Oils, Animal and Vegetable	A	B	C	A	A
Oleic Acid	A	B	C	A	A
Oleum	A	B	C	-	A
Orthodichlorobenzene	-	B	C	A	A
Oxalic Acid	A	A	A	A	A
Oxygen, Gas	A	-	-	A ²	A ²
Ozone	A	A	B	A ²	A ²
Palmitic Acid	A	A	B	A	A

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Paraffin	A	B	C	A	A
Paratherm HE	A	-	-	A	A
Paratherm NF	A	-	-	A	A
Parathion	-	-	-	A	A
Paraxylene	-	B	C	A	A
Pentachloronitrobenzene	-	-	-	A	A
Pentachlorophenol	A	B	C	A	A
Pentane	A	B	C	A	A
Perchloric Acid	A	B	C	A	A
Perchloroethylene	A	B	C	A	A
Petroleum Oils, Crude	A	B	C	A	A
Petroleum Oil, Refined	A	B	C	A	A
Phenol	A	B	C	A	A
p-Phenylenediamine	C	-	-	A	A
Phosgene	C	B	C	A	A
Phosphate Esters	-	A	A	A	A
Phosphine	-	-	-	A	A
Phosphoric Acid, Crude	A	A	B	C	A
Phosphoric Acid, Less than 45%	A	A	A	A	A
Phosphoric Acid, Above 45%, to 150°F	A	A	B	B	A
Phosphoric Acid, Above 45%, Above 150°F	-	-	-	B	A
Phosphorus, Elemental	-	-	-	A	A
Phosphorus Pentachloride	-	-	-	A	A
Phthalic Acid	A	A	A	A	A
Phthalic Anhydride	C	A	A	A	A
Picric Acid, Molten	A	B	C	-	-
Picric Acid, Water Solution	A	A	B	A	A
Pinene	A	B	C	A	A
Piperidine	C	B	C	A	A
Polyacrylonitrile	-	-	-	A	A
Polychlorinated Biphenyls	-	-	-	A	A
Potash, Potassium Carbonate	A	A	A	A	A
Potassium Acetate	C	A	A	A	A
Potassium Bichromate	-	A	A	A	A
Potassium Chromate	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A
Potassium Dichromate	A	A	A	A	A
Potassium, Elemental	-	C	-	C	C
Potassium Hydroxide	C	A	B	B	A
Potassium Nitrate	A	A	A	A	A
Potassium Permanganate	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A
Producer Gas	A	B	C	A	A
Propane	A	B	C	A	A
1,3-Propane Sultone	-	-	-	A	A
Beta-Propiolactone	-	-	-	A	A
Propionaldehyde	-	-	-	A	A
Propoxur (Baygon)	-	-	-	A	A
Propyl Alcohol	A	A	A	A	A
Propyl Nitrate	C	A	B	A	A
Propylene	A	B	C	A	A
Propylene Dichloride	A	B	C	A	A
Propylene Glycol	A	A	A	A	A
Propylene Oxide	C	A	B	A	A
1,2-Propylenimine	-	-	-	-	-
Prussic Acid, Hydrocyanic Acid	-	A	A	A	A
Pyridine	C	A	B	A	A
Quinoline	A	-	-	A	A
Quinone	A	-	-	A	A
Refrigerants					
10	-	B	C	A	A
11	B	B	C	A	A
12	B	A	A	A	A

Check concentration of caustic!

Garlock

STRESS SAVER® Chemical Resistance Chart

Key:

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Rev. 8/2023

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For elevated temperature services, please consult Applications Engineering.

Medium	STRESS SAVER® XP	STRESS SAVER® 370	STRESS SAVER® 6800	STRESS SAVER® 3504/3503	STRESS SAVER® 3522
13	B	A	A	A	A
13B1	B	A	A	A	A
21	C	B	C	A	A
22	C	A	A	A	A
23	-	A	A	A	A
31	C	A	A	A	A
32	C	A	A	A	A
112	B	B	C	A	A
113	C	B	C	A	A
114	B	A	A	A	A
114B2	B	B	C	A	A
115	B	A	A	A	A
123	-	B	C	A	A
124	-	A	A	A	A
125	-	A	A	A	A
134a	-	A	A	A	A
141b	-	-	-	A	A
142b	C	A	A	A	A
143a	B	A	A	A	A
152a	C	A	A	A	A
218	B	A	A	A	A
290 (Propane)	-	B	C	A	A
500	-	-	-	A	A
502	C	-	-	A	A
503	-	A	A	A	A
R 507	-	A	A	A	A
R 717 (Ammonia)	C	A	A	A	A
R 744 (Carbon Dioxide)	A	A	B	A	A
C316	B	A	A	A	A
C318	B	A	A	A	A
HP62	-	-	-	A	A
HP80	-	-	-	A	A
HP81	-	-	-	A	A
Salt Water	A	A	A	A	A
Saltpeter, Potassium Nitrate	A	A	A	A	A
2,4-D Salts and Esters	-	-	-	A	A
Sewage	A	A	A	A	A
Silver Nitrate	A	A	A	A	A
Skydrol 500A	C	A	A	A	A
Skydrol 500B	C	A	A	A	A
Skydrol LD	C	-	-	A	A
Skydrol 7000	A	A	A	A	A
Soap Solutions	A	A	A	A	A
Soda Ash, Sodium Carbonate	A	A	A	A	A
Sodium Bicarbonate, Baking Soda	A	A	A	A	A
Sodium Bisulfite (Dry)	A	A	A	A	A
Sodium Bisulfite	A	A	A	A	A
Sodium Chlorate	A	A	A	A	A
Sodium Chloride	A	A	A	A	A
Sodium Cyanide	A	A	A	C	A
Sodium, Elemental	-	C	-	C	C
Sodium Hydroxide	B	A	B	B	A
Sodium Hypochlorite	A	A	B	A	A
Sodium Metaborate Peroxyhydrate	-	-	-	A	A
Sodium Metaphosphate	A	A	A	A	A
Sodium Nitrate	A	A	A	A	A
Sodium Perborate	A	A	A	A	A
Sodium Peroxide	A	A	A	A	A
Sodium Phosphate, Monobasic	A	A	A	A	A
Sodium Phosphate, Dibasic	A	A	A	B	A
Sodium Phosphate, Tribasic	A	A	A	B	A
Sodium Silicate	A	A	A	B	A
Sodium Sulfate	A	A	A	A	A

Check concentration of caustic!

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Sodium Sulfide	A	A	A	A	A
Sodium Superoxide	-	A	B	A	A
Sodium Thiosulfate, "Hypo"	A	-	-	A	A
Soybean Oil	A	B	C	A	A
Stannic Chloride	A	A	A	A	A
Steam, Saturated (<366°F)	A	A	B	A	A
Steam, Superheated	C	-	C	-	-
Stearic Acid	A	A	B	A	A
Stoddard Solvent	A	B	C	A	A
Styrene	A	B ¹	C	A ¹	A ¹
Styrene Oxide	-	-	-	A	A
Sulfur Chloride	A	B	C	A	A
Sulfur Dioxide	A	A	A	A	A
Sulfur, Molten (up to 250°F)	A	A	A	A	A
Sulfur Trioxide, Dry	A	A	B	A	A
Sulfur Trioxide, Wet	C	B	C	A	A
Sulfuric Acid, 10%, 150°F and below	A	A	B	A	A
Sulfuric Acid, 10%, Above 150°F	A	A	B	A	A
Sulfuric Acid, 10-75%, 500°F and below	-	-	-	A	A
Sulfuric Acid, 75-98%, 150°F and below	A	B	C	A	A
Sulfuric Acid, 75-98%, 150°F to 500°F	-	-	-	B	A
Sulfuric Acid, Fuming	-	-	-	-	A
Sulfurous Acid	B	A	B	A	A
Sulfurous Acid (5% Sulfur Dioxide)	C	A	B	-	A
Syltherm 800	-	-	-	A	A
Syltherm XLT	-	-	-	A	A
Tannic Acid	A	A	A	A	A
Tar	A	B	C	A	A
Tartaric Acid	A	B	C	A	A
2,3,7,8-TCDB-p-Dioxin	-	-	-	A	A
Tertiary Butyl Amine	-	-	-	A	A
Tetrabromoethane	-	B	C	A	A
Tetrachlorethane	A	B	C	A	A
Tetrachloroethylene	A	B	C	A	A
Tetrahydrofuran, THF	C	B	C	A	A
Therminol 44	A	B	C	A	A
Therminol 45	A	B	C	A	A
Therminol 59	-	B	C	A	A
Therminol 60	-	B	C	A	A
Therminol 66	-	B	C	A	A
Therminol 75	-	B	C	A	A
Therminol D12	-	B	C	A	A
Therminol LT	-	B	C	A	A
Therminol VP-1	-	B	C	A	A
Therminol XP	-	B	C	A	A
Thionyl Chloride	A	B	C	A	A
Titanium Sulfate	-	-	-	A	-
Titanium Tetrachloride	A	B	C	A	A
Toluene	A	B	C	A	A
2,4-Toluenediamine	-	-	-	A	A
2,4-Toluenediisocyanate	C	A	B	A	A
Toluene Sulfonic Acid	-	-	-	A	A
o-Toluidine	C	-	-	A	A
Toxaphine	-	-	-	A	A
Transformer Oil (Mineral Type)	A	B	C	A	A
Transmission Fluid A	A	B	C	A	A
Trichloroacetic Acid	B	A	B	A	A
1,2,3- Trichlorobenzene	A	-	-	A	A
1,1,1-Trichloroethane	A	B	C	A	A
Trichloroethylene	A	B	C	A	A
2,4,5-Trichlorophenol	-	-	-	A	A
2,4,6-Trichlorophenol	-	-	-	A	A
Tricresylphosphate	A	A	A	A	A

Is FDA compliance required?

MONOMER!!

Garlock

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Medium	STRESS SAVER® XP	STRESS SAVER® 370	STRESS SAVER® 6800	STRESS SAVER® 3504/3503	STRESS SAVER® 3522
Triethanolamine	C	A	A	A	A
Triethyl Aluminum	A	-	-	A	A
Triethylamine	C	A	A	A	A
Trifluralin	-	-	-	A	A
2,2,4-Trimethylpentane	A	B	C	A	A
Tung Oil	A	B	C	A	A
Turpentine	A	B	C	A	A
UCON Heat Transfer Fluid 500	-	-	-	A	A
UCON Process Fluid WS	-	-	-	A	A
Urea, 150°F and below	A	A	A	A	A
Urea, 150°F to 212°F	B	A	B	A	A
Urea, above 212°F	C	B	C	A	A
Varnish	A	B	C	A	A
Vegetable Oil	A	B	C	A	A
Vinegar	A	A	A	A	A
Vinyl Acetate	C	A ¹	B	A ¹	A ¹
Vinyl Bromide	-	A ¹	-	A ¹	A ¹
Vinyl Chloride	A	B ¹	C	A ¹	A ¹
Vinyldene Chloride	A	B ¹	C	A ¹	A ¹
Vinyl Methacrylate	-	-	-	A	A
Water, Acid Mine, with Oxidizing Salt	-	-	-	A	A
Water, Acid Mine, No Oxidizing Salts	-	A	A	A	A
Water, Distilled	A	A	A	A	A
Water, Return Condensate	A	A	A	A	A
Water, Seawater	A	A	A	A	A
Water, Tap	A	A	A	A	A
Whiskey and Wines	A	A	A	A	A
Wood Alcohol	A	A	A	A	A
Xceltherm 550	-	-	-	A	A
Xceltherm 600	-	-	-	A	A
Xceltherm MK1	-	-	-	A	A
Xceltherm XT	-	-	-	A	A
Xylene	A	B	C	A	A
Zinc Chloride	A	A	A	A	A
Zinc Sulfate	A	A	A	A	A

Is FDA compliance required?

Is FDA compliance required?

MONOMER!!

MONOMER!!

MONOMER!!

MONOMER!!

IS NSF-61 compliance required?

Is FDA compliance required?

Note 1. Monomers may affect the PTFE at the ID of the gasket.

Note 2. Specify "oxygen service" when ordering gaskets for oxygen or ozone service.