Compressed Non-Asbestos Sheet Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended See Note pg. 8

TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Acetaldehyde	B	B	B	C	C	B
Acetamida	A	A	C	B	B	A
Acetic Acid (T< 90ºC)	A	A	A	A	A	A
Acetic Acid (T≥ 90ºC)	C	C	C	-	A	C
Acetic Anhydride	C	C	C	B	A	C
Acetone	C	C	B	C	B	C
Acetonitrile	C	C	-	-	-	C
Acetophenone	C	C	C	C	C	C
Acetylene	A	A	A	B	B	A
Acrylic Acid	B	B	-	-	-	B
Acrylonitrile	C	C	C	C	C	C
Adipic Acid	A	A	B	A	A	A
Air	A	A	A	A	A	A
Aluminum Acetate	A	A	A	B	A	A
Aluminum Chloride	A	A	A	A	A	A
Aluminum Fluoride	A	A	A	A	A	A
Aluminum Nitrate	A	A	A	A	A	A
Aluminum Sulfate	A	A	B	A	A	A
Alums	A	A	A	-	A	A
Ammonia – Cold (Gas)	A	A	A	A	A	A
Ammonia – Hot (Gas)	C	C	C	B	B	C
Ammonia – Liquid, Anhydrous	B	B	C	A	B	B
Ammonium Carbonate	C	C	A	A	C	C
Ammonium Chloride	A	A	A	A	A	A
Ammonium Hydroxide 30% (T<50ºC)	A	A	C	A	A	A
Ammonium Nitrate	A	A	A	A	A	A
Ammonium Phosphate	A	A	A	A	A	A
Ammonium Sulfate	A	A	B	A	A	A
Amyl Acetate	B	B	B	C	C	B
Amyl Alcohol	B	B	A	B	A	B
Aniline	C	C	B	C	C	C
Aniline Dyes	C	C	B	B	B	C
Anon (Cyclohexanone)	C	C	C	C	C	C
Aqua Regia	C	C	C	C	C	C
Aroclors	C	C	C	B	C	C
Asphalt	B	B	C	B	B	B
Barium Chloride	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	A
Barium Sulfide	A	A	B	A	A	A
Beer	A	A	A	A	A	A
Benzaldehyde	C	C	C	C	-	C
Benzene	C	C	C	C	C	C
Benzoic Acid	B	B	B	C	B	B
Benzoyl Chloride	C	C	C	C	C	C
Benzyl Alcohol	C	C	C	B	B	C
Benzyl Chloride	C	C	C	C	C	C
Biphenyl	C	C	C	C	C	C
Blast Furnace Gas	C	C	C	C	C	C

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

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TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Bleach (Sodium Hypochlorite)	C	C	C	C	B	C
Boiler Feeder Water	A	A	A	A	A	A
Borax	B	B	B	A	A	B
Boric Acid	A	A	A	A	A	A
Brines	A	A	A	A	A	A
Bromine	C	C	C	C	C	C
Bromine Trifluoride	C	C	C	C	C	C
Butadiene	C	C	C	C	B	C
Butane	A	A	C	A	A	A
Butanone (MEK)	C	C	C	C	C	C
Butyl Acetate	B	B	C	C	C	B
Butyl Alcohol (Butanol)	A	A	A	A	A	A
n-Butyl Amine	B	B	C	C	C	C
Butyl Methacrylate	C	C	C	-	C	C
Butyric Acid	C	C	C	-	C	C
Calcium Bisulfite	C	C	C	A	A	C
Calcium Chloride	A	A	A	A	A	A
Calcium Hydroxide (T<50ºC)	A	A	A	A	A	A
Calcium Hypochlorite	B	B	C	C	A	B
Calcium Nitrate	A	A	A	A	A	A
Cane Sugar Liquors	A	A	A	A	A	A
Carbolic Acid, Phenol	C	C	C	C	C	C
Carbon Dioxide, Dry	A	A	A	B	A	A
Wet	A	A	A	B	A	A
Carbon Disulfide	C	C	C	C	C	C
Carbon Monoxide	A	A	B	B	B	A
Carbon Tetrachloride	B	B	C	C	C	B
Carbonic Acid	B	B	B	A	B	B
Castor Oil	A	A	A	A	A	A
Cetane (Hexadecane)	A	A	C	-	B	A
China Wood Oil	A	A	C	B	C	A
Chlordane	B	B	C	-	C	B
Chlorinated Solvents	C	C	C	C	C	C
Chlorine (Dry)	B	B	B	C	B	B
Chlorine (Wet)	C	C	C	C	C	C
Chlorine Dioxide	C	C	C	C	C	C
Chlorine Trifluoride	C	C	C	C	C	C
Chloroacetic Acid	C	C	C	C	A	C
Chlorobenzene	C	C	C	C	C	C
Chloroform	C	C	C	C	C	C
Chloroprene	C	C	-	-	-	C
Chlorosulfonic Acid	C	C	C	C	C	C
Chrome Plating Solutions	C	C	C	C	C	C
Chromic Acid	C	C	C	C	C	C
Citric Acid	A	A	A	A	A	A
Coke Oven Gas	C	C	C	C	C	C
Condensate	A	A	A	A	A	A

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

See Note pg. 8

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TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Copper Acetate	B	B	C	B	C	B
Copper Chloride	A	A	A	B	A	A
Copper Sulfate (T<50ºC)	A	A	A	A	A	A
Corn Oil	A	A	C	C	B	A
Cotton Seed Oil	A	A	C	B	B	A
Creosote	A	A	C	B	C	A
Cresol	B	B	C	C	C	B
Crude Oil	B	B	C	-	C	B
Cumene	C	C	C	C	C	C
Cyclohexane	A	A	C	C	C	A
Cyclohexanone	C	C	C	C	C	C
Cyclohexyl Alcohol	A	A	C	-	B	A
Decane	A	A	C	C	C	A
Detergent Solutions	A	A	B	B	B	A
Dibenzyl Ether	C	C	C	C	C	C
Dibromeethane	C	C	C	-	C	C
Dibutyl Phthalate	C	C	C	C	C	C
Dibutyl Sebacate	C	C	C	C	C	C
o-Dichlorobenzene	C	C	C	C	C	C
Dichloroethane (1,1 or 1,2)	C	C	C	-	-	C
Diesel Oil	A	A	C	C	B	A
Diethanolamine	A	A	-	-	-	A
Diethyl Ether	C	C	C	C	C	C
N,N-Dimethyl Aniline	C	C	C	C	C	C
Dimethyl Ether	A	A	C	C	C	A
Dimethyl Formamide	C	C	C	C	C	C
Dimethyl Phthalate	C	C	C	C	C	C
2,4-Dinitrotoluene	C	C	C	C	C	C
Dioxane	C	C	C	C	C	C
Dowtherm 4000	-	-	B	-	-	B
Dowtherm	C	C	C	C	C	C
Epichlorohydrin	C	C	C	C	B	C
Ethane	B	B	B	B	B	B
Ethers	C	C	C	C	C	C
Ethyl Acetate	C	C	C	C	C	C
Ethyl Acrylate	C	C	C	C	C	C
Ethyl Alcohol (Ethanol)	A	A	A	A	A	A
Ethyl Benzene	C	C	C	C	C	C
Ethyl Cellulose	B	B	B	B	B	B
Ethyl Chloride	B	B	C	C	C	B
Ethyl Ether	B	B	C	C	B	B
Ethylene	A	A	B	C	C	A
Ethylene Dibromide	C	C	C	-	C	C
Ethylene Dichloride	C	C	C	C	C	C
Ethylene Glycol	A	A	A	A	A	A
Ethylene Oxide	C	C	C	C	C	C
Ferric Chloride	A	A	A	A	B	A

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

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See Note pg. 8

TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Ferric Sulfate	A	A	A	A	A	A
Fluorine, Gas	C	C	C	-	-	C
Fluorine, Liquid	C	C	C	C	-	C
Fluorosilicic Acid	A	A	C	B	A	A
Formaldehyde	A	A	B	B	B	A
Formic Acid 10%	B	B	A	A	A	B
Formic Acid 85%	B	B	A	A	A	B
Freon 12	A	A	A	A	A	A
Freon 22	C	C	A	A	A	C
Freon 32	A	A	A	A	A	A
Fuel Oil	A	A	C	B	C	A
Furfural	C	C	C	C	C	C
Gasoline, Refined	A	A	C	C	C	A
Gasoline, Sour	A	A	C	C	C	A
Gelatin	A	A	A	A	A	A
Glucose	A	A	A	A	A	A
Glue, Protein Base	A	A	A	A	A	A
Glycerine, Glycerol	A	A	A	A	A	A
Glycol	A	A	A	A	A	A
Grease	A	A	C	-	C	A
Green Sulfate Liquor	B	B	B	B	B	B
Heptane	A	A	C	-	B	A
Hexane	A	A	C	B	A	A
Hexone	B	B	-	-	-	B
Hydraulic Oil (Mineral)	A	A	C	B	B	A
Hydrazine	B	B	B	B	B	B
Hydrobromic Acid	C	C	C	C	A	C
Hydrochloric Acid 10%	A	A	C	C	A	A
Hydrochloric Acid 37%	C	C	C	C	A	C
Hydrofluoric Acid	C	C	C	C	C	C
Hydrofluosilicic Acid	C	C	C	B	A	C
Hydrogen	A	A	A	A	A	A
Hydrogen Fluoride	C	C	C	-	-	C
Hydrogen Peroxide < 30%	A	A	B	C	B	A
Hydrogen Sulfide, Dry or Wet	C	C	C	C	B	C
Hydroquinone	B	B	C	C	C	B
Iodine Pentafluoride	C	C	C	C	C	C
Isooctane	A	A	C	B	A	A
Isophorone	C	C	C	C	C	C
Isopropyl Alcohol	A	A	A	B	A	A
Kerosene	A	A	C	B	C	A
Lacquers	C	C	C	C	C	C
Lactic Acid 50%	A	A	A	-	A	A
Lactic Acid, Cold	A	A	A	A	A	A
Hot	C	C	C	C	C	C
Lead Acetate (Sugar of Lead)	B	B	C	B	C	B

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

See Note pg. 8

A: Suitable B: Consult with TEADIT C: Not recommended

TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Linseed Oil	A	A	C	B	B	A
Liquified Petroleum Gas (LPG)	A	A	C	B	B	A
Lubricating Oils, Mineral or Petroleum Types	A	A	C	B	C	A
Lye	B	B	B	B	A	B
Magnesium Chloride	A	A	A	A	A	A
Magnesium Hydroxide (T<50ºC)	B	B	B	A	A	B
Magnesium Sulfate	A	A	A	A	A	A
Maleic Acid	A	A	C	C	C	A
Maleic Anhydride	C	C	C	C	C	C
Mercuric Chloride	A	A	A	A	A	A
Mercury	A	A	A	A	A	A
Methane	A	A	C	B	B	A
Methyl Alcohol (Methanol)	A	A	A	A	A	A
Methylacrylic Acid	C	C	C	B	C	C
Methyl Bromide	C	C	C	C	C	C
Methyl Chloride	C	C	C	C	C	C
Methyl Chloroform	C	C	-	-	-	C
Methyl Ethyl Ketone	C	C	C	C	C	C
Methyl Iodide	C	C	-	-	-	C
Methyl Isobutyl Ketone (MIBK)	C	C	C	C	C	C
Methyl Methacrylate	C	C	C	C	C	C
Methyl tert-Butyl Ether (MTBE)	A	A	-	-	-	A
Milk	A	A	A	A	A	A
Mineral Oil	A	A	C	B	B	A
Naphtha	A	A	C	C	C	A
Naphthalene	C	C	C	C	C	C
Natural Gas - GLP	A	A	B	A	A	A
Nickel Chloride	A	A	A	A	A	A
Nickel Sulfate	A	A	B	A	A	A
Nitric Acid ≤50% (T<50ºC)	C	C	C	B	A	C
Nitric Acid >50%	C	C	C	C	C	C
Nitric Acid Crude	C	C	C	C	C	C
Nitrobenzene	C	C	C	C	C	C
Nitrogen	A	A	A	A	A	A
Nitrogen Tetroxide	C	C	C	C	C	C
Nitromethane	C	C	C	B	C	C
2-Nitropropane	C	C	C	-	C	C
Octane	A	A	C	B	C	A
Oleic Acid	A	A	C	C	B	A
Orthodichlorobenzene	C	C	C	C	C	C
Oxalic Acid	B	B	B	B	B	B
Oxygen	C	C	C	C	B	C
Ozone	C	C	C	C	A	C
Palmitic Acid	A	A	B	B	B	A
Pentachlorophenol	A	A	-	-	-	A
Pentane	A	A	C	-	B	A
Perchloric Acid	C	C	C	B	C	C

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

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TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Perchloroethylene	B	B	C	C	C	B
Petroleum	A	A	B	B	B	A
Petroleum Oils	A	A	C	B	B	A
Petroleum Ether	A	A	C	B	A	A
Phenol	C	C	C	C	C	C
Phosphoric Acid	C	C	C	B	C	C
Picric Acid	B	B	B	A	B	B
Pinene	B	B	C	C	C	B
Piperidine	C	C	C	C	C	C
Polychlorinated Biphenyls	B	B	-	-	-	B
Potassium Acetate	A	A	B	B	C	A
Potassium Chloride	A	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A	A
Potassium Dichromate	A	A	B	A	A	A
Potassium Hydroxide (T<50ºC)	B	B	B	B	A	B
Potassium Nitrate	A	A	B	A	A	A
Potassium Permanganate	A	A	B	-	B	A
Potassium Sulfate	A	A	A	A	B	A
Producer Gás	A	A	C	B	B	A
Propane	A	A	C	B	B	A
Propyl Alcohol	A	A	A	A	A	A
Propyl Nitrate	C	C	C	C	C	C
Propylene	C	C	C	C	C	C
Propylene Oxide	C	C	C	C	C	C
Pyridine	C	C	C	C	C	C
Rapessed Oil	B	B	C	B	C	B
Refrigerants						
11	B	B	C	C	A	B
12	A	A	A	A	A	A
13	A	A	A	A	A	A
13 B1	A	A	A	A	A	A
21	C	C	C	C	C	C
22	C	C	A	A	A	C
31	C	C	B	B	B	C
32	A	A	A	A	A	A
112	B	B	C	C	B	B
113	A	A	B	A	A	A
114	A	A	A	A	A	A
114 B2	B	B	C	C	A	B
115	A	A	A	A	A	A
142b	A	A	A	A	A	A
152a	A	A	A	A	C	A
218	A	A	A	A	A	A
502	B	B	A	A	-	B
C316	A	A	A	A	A	A
C318	A	A	A	A	A	A
Salicylic Acid	B	B	B	A	-	B

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

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TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Salt Water	A	A	A	B	A	A
Sea Water	A	A	A	A	A	A
Sewage	A	A	B	B	A	A
Silicone Oil	A	A	A	A	A	A
Silver Nitrate	A	A	B	A	A	B
Skydrol 500	C	C	C	C	C	C
Soap Solutions	A	A	A	B	A	A
Soda Ash	A	A	A	A	A	A
Sodium Bicarbonate	A	A	B	A	A	A
Sodium Bisulfate, Dry	A	A	B	-	A	A
Sodium Bisulfite	A	A	A	A	A	A
Sodium Carbonate	A	A	A	-	A	A
Sodium Chloride (T<50ºC)	A	A	A	A	A	A
Sodium Cyanide	A	A	A	A	A	A
Sodium Hydroxide (T≥50ºC)	C	C	C	C	C	C
Sodium Hydroxide (T<50ºC)	B	B	B	A	A	B
Sodium Hypochlorite	C	C	C	C	C	C
Sodium Metaphosphate	A	A	A	B	B	A
Sodium Nitrate	B	B	B	B	A	B
Sodium Perborate	B	B	B	B	B	B
Sodium Peroxide	B	B	B	B	B	B
Sodium Phosphate	A	A	A	B	A	A
Sodium Silicate	A	A	A	A	A	A
Sodium Sulfate	A	A	A	A	A	A
Sodium Sulfide	A	A	A	-	A	A
Sodium Thiosulfate	B	B	B	A	A	B
Soybean Oil	A	A	C	-	C	A
Stannic Chloride	A	A	A	B	-	A
Steam	A	A	A	B	B	A
Stearic Acid	A	A	A	B	B	A
Stoddard Solvent	A	A	C	B	C	A
Styrene	C	C	C	C	C	C
Styrene Oxide	C	C	C	-	C	C
Sulfur Chloride	C	C	C	C	C	C
Sulfur Dioxide	C	C	B	C	A	C
Sulfur, Molten	C	C	C	-	C	C
Sulfur Trioxide	C	C	C	C	C	C
Sulfuric Acid, oleum	C	C	C	C	C	C
Sulfuric Acid ≤ 90%	C	C	C	C	A	C
Sulfuric Acid 95%	C	C	C	C	B	C
Sulfuric Acid, Fuming	C	C	C	C	C	C
Sulfurous Acid	B	B	B	B	A	B
Tannic Acid	A	A	A	A	A	A
Tar (Asphalt)	B	B	C	C	C	B
Tartaric Acid	A	A	A	B	A	A
Tetrabromoethane	C	C	C	C	C	C
Tetrachloroethane	B	B	C	-	C	B

Compressed Non-Asbestos Sheet Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

TEADIT NORTH AMERICA

	NA1000M	NA1001	NA1080	NA1076	NA1085	NA1081 - NA1090 NA1092 NA1100
Tetrachloroethylene	C	C	C	C	C	C
Tetrahydrofuran, THF	C	C	C	C	C	C
Thionyl Chloride	C	C	C	C	C	C
Titanium Tetrachloride	B	B	C	C	C	B
Toluene	C	C	C	C	C	C
2,4-Toluenediisocyanate	C	C	C	C	C	C
Transformer Oil	A	A	C	B	B	A
Transmission Fluid A	A	A	C	B	C	A
Trichloroacetic Acid	B	B	C	C	C	B
1,1,2-Trichloroethane	C	C	C	C	C	C
Trichloroethylene	C	C	C	C	C	C
Trichlorotrifluoroethane	A	A	C	-	C	A
Tricresylphosphate	C	C	C	C	C	C
Triethanolamine – TEA	B	B	B	A	A	B
Triethyl Aluminum	C	C	C	C	C	C
Triethylamine	C	C	-	-	-	C
Tung Oil	A	A	C	B	C	A
Turpentine	A	A	C	C	C	A
Varnish	C	C	C	C	C	C
Vegetable Oil	A	A	C	C	B	A
Vinegar	B	B	B	B	A	B
Vinyl Acetate	B	B	-	-	-	B
Vinyl Chloride	C	C	C	C	C	C
Vinylidene Chloride	C	C	C	-	C	C
Vinyl Methacrylate	C	C	C	-	C	C
Water, Oxidizing Salt	A	A	A	A	A	A
No Oxidizing Salt	A	A	A	A	A	A
Water, Distilled	A	A	A	A	A	A
Whiskey and Wines	A	A	A	A	A	A
Xylene	C	C	C	C	C	C
Zinc Chloride	A	A	A	A	A	A
Zinc Sulfate	A	A	B	A	A	A

NOTE: Properties and application parameters shown throughout this Chemical Compatibility Chart are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult with TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications subject to change without notice; this edition cancels all previous issues.