AM-CLAD CHEMICAL RESISTANCE & STAIN REPORT

FEBRUARY 2023

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Please contact us for advice on any substance not listed.

TABLE LEGEND G – GOOD / M – MODERATE / X – NOT RECORDED / NA – NO DATA

CHEMICAL	DEGREES 20	60
A		
Acetaldehyde 40	X	X
Acetaldehyde techn. pure	X	X
Acetamide saturated	X	X
Acetic acid 10	G	M
Acetic acid 100	X	X
Acetic acid 5	G	G
Acetic acid 50	M	M
Acetic acid 90	M	X
Acetic anhydride techn. pure	X	X
Acetone	X	X
Acetonitrile	X	X
Acetophenone	X	X
Acetyl chloride 100	X	X
Acetylene 100	G	G
Acrylonitrile	X	X
Adipic acid saturated	G	M
Alanine	X	X
Allyl alcohol 96	M	X
Allyl chloride 100	X	X
Alum	G	G
Aluminum chloride 10	G	G
Aluminum chloride saturated	G	G
Aluminum chloride solid	G	G
Aluminum fluoride aqueous	G	G
Aluminum hydroxide	G	G
Aluminum nitrate aqueous	G	G
Aluminum oxide solid	G	G
Aluminum potassium sulfate diluted	G	M
Aluminum potassium sulfate saturated	G	M
Aluminum sulfate 10	G	G
Aluminum sulfate saturated	G	G
Ammonia, anhydrous	X	X
Ammonia, aqueous	X	X
Ammonium acetate saturated	G	M
Ammonium carbonate 50	G	M
Ammonium chloride aqueous	G	M
Ammonium difluoride 50	G	M
Ammonium glycolate	G	G
Ammonium hydroxide 100	G	G
Ammonium hydroxide 30	G	G
Ammonium hydroxide 5	G	G
Ammonium nitrate 10	G	M
Ammonium nitrate saturated	G	G
Ammonium oxalate	G	G
Ammonium phosphate each	G	G
Ammonium sulfate 10	G	M
Ammonium sulfate saturated	G	G
Ammonium sulfide each	G	M
Amyl acetate, normal	X	X
Amyl alcohol	M	M
Amyl chloride	X	X
Aniline	X	X
Antimony trichloride 90	G	G
Antimony trichloride anhydrous	G	G
Antimony trichloride aqueous	G	G
Arsenic acid aqueous	G	M
B		
Barium chloride aqueous	G	G
Barium chloride saturated	G	M
Barium hydroxide saturated	G	M
Battery acid 38	G	M
Beer	G	M
Benzaldehyde	X	X
Benzene	X	X
Benzyl acetate	X	X
Benzyl alcohol	G	M
Benzyl chloride 100	X	X
Bisulfite solution saturated	G	M
Bitter almond oil	X	X
Boric acid 10 G/X	G	X
Brine saturated	G	G
Bromine water saturated	X	X
Bromine	X	X
Bromobenzene	X	X
Bromochloromethane 100	X	X
Butadiene	M	X
Butanetriol 100	M	M
Butyl acetate, normal 100	X	X
Butyl acrylate 100	X	X
Butyl alcohol, normal techn. pure	G	M
Butyl ether techn. pure	X	X
Butyl phenol G/X	G	X
Butylene glycol techn. pure	G	M
Butylphenol 100	M	X
Butyric acid G/X	G	X
C		
Cadmium cyanide	G	G
Calcium bisulfite saturated	G	G
Calcium bromide	G	G
Calcium carbide	G	G
Calcium carbonate saturated	G	G
Calcium chlorate saturated	G	G

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CHEMICAL	DEGREES 20	60
Calcium chloride aqueous	G	M
Calcium hydroxyde concentrated	G	G
Calcium hypochlorite saturated	G	M
Calcium nitrate 50	G	G
Calcium oxide powder	G	G
Calcium phosphate aqueous	G	G
Calcium sulfate saturated	G	G
Calcium sulfide aqueous	G	G
Camphor oil	X	X
Camphor	X	X
Carbazole	X	X
Carbon dioxide saturated	G	M
Carbon dioxide, damp techn. pure	G	M
Carbon dioxide, dry techn. pure	G	G
Carbon disulfide	X	X
Carbon tetrachloride	X	X
Carbonic acid	G	G
Castor oil 100	G	G
Caustic potash 100	X	X
Cedar wood oil	M	X
Cetyl alcohol 100	G	G
Chalk	G	G
Chloric acid 1	G	M
Chloric acid 10	G	M
Chloric acid 20	G	M
Chlorine 10 wet	G	G
Chlorine 97	X	X
Chlorine steam	X	X
Chlorine water	M	M
Chloro acetophenone, p-	X	X
Chloroacetic acid	X	X
Chlorobenzene	X	X
Chloroethyl alcohol, G- techn. pure	X	X
Chloroform 100	X	X
Chlorosulfonic acid techn. pure	X	X
Chromic acid 10	G	G
Chromic acid 20	G	G
Chromic acid 50	G	M
Chromic acid 80	X	X
Chromic potassium sulfate saturated	G	G
Cinnamon oil	X	X
Citric acid 10 G/X	G	X
Citric acid 50 G/X	G	X
Citric acid saturated G/X	G	X
Cleaning agents	G	M
Clophen A6k	X	X
Coconut fatty alcohol techn. pure	G	M
Coconut oil techn. pure	G	M
Copper carbonate	G	G
Copper chloride	G	G
Copper fluoride	G	G
Copper nitrate	G	G
Copper sulfate aqueous	G	G
Cotton oil techn. pure	G	G
Cresol (-mixtures)	X	X
Crotonaldehyde techn. pure	X	X
Crude oil 100	G	G
Cumene	X	X
Cupric chloride saturated	G	G
Cupric fluoride	G	G
Cupric nitrate aqueous	G	G
Cupric nitrate saturated	G	G
Cupric sulfate	G	G
Cuprous chloride aqueous	G	G
Cyclohexane	G	M
Cyclohexanone techn. pure	X	X
D		
Decahydronaphthalene	G	G
Densodrin W aqueous	G	G
Dextrin aqueous	G	G
Dibutyl phthalate, n-	X	X
Dibutyl sebacate techn. pure	X	X
Dichloroacetic acid 50	G	M
Dichloroacetic acid techn. pure	G	M
Dichlorobenzene	X	X
Dichloroethane	X	X
Dichloroethylene techn. pure	X	X
Dichlorofluoromethane 100	X	X
Diesel fuel for heating	G	G
Diesel fuel	G	M
Diesel oil 100	G	M
Diethyl ethyl techn. pure	X	X
Diethyl malonate G/X	G	X
Diethylbenzene	X	X
Diethylene glycol	M	X
Diethylene glycolether	M	X
Diglycolic acid 30	G	M
Diisobutyl ketone techn. pure	X	X
Diisopropyl ether techn. pure	X	X
Dimethyl formamide (DMF)	X	X
Dimethyl phthalate (DMP) 100	X	X
Dimethyl sulfoxide (DMSO)	X	X
Dimethylamine techn. pure	X	X
Dinitro ethylene glycol diluted	X	X
Dinonyl phthalate (DNP) techn. pure	X	X
Dioctyl phthalate (DOP) techn. pure	X	X
Dioxane	M	X
Dipropylene glycol	G	M
E		
Emulsifiers	G	G
Epichlorhydrin 100	X	X
Ethyl acetate 100	X	X
Ethyl acrylate 100	X	X
Ethyl alcohol 40	G	G

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CHEMICAL	DEGREES 20	60
Ethyl alcohol 50	G	G
Ethyl alcohol 96	G	M
Ethyl benzoate	X	X
Ethyl butyrate	X	X
Ethyl chloride	X	X
Ethyl chloroacetate techn. pure	X	X
Ethyl cyanoacetate	M	X
Ethyl lactate	M	X
Ethylbenzene	X	X
Ethylene glycol	G	G
Ethylene glycol monoethyl ether 100	X	X
Ethylene glycol monoethyl ether acetate	M	X
Ethylene glycol monomethyl ether 100	M	X
Ethylene glycol monomethyl ether oleate	X	X
Ethylene oxide	X	X
Exhaust gases, alNDaline	G	G
Exhaust gases		
- containing carbon dioxide small	G	G
- containing hydrochloric acid each	G	G
- containing hydrogen fluoride small	G	G
- containing nitrose small	G	G
- containing sulfur dioxide small	G	G
- containing sulfur trioxide small	G	G
- containing sulfuric acid each	G	G
F		
Fatty alcohol sulfonates aqueous	G	M
Ferric acetate G/X	G	X
Ferric chloride saturated	G	G
Ferric nitrate aqueous	G	G
Ferric nitrate saturated	G	G
Ferric sulfate saturated	G	G
Ferrous chloride saturated	G	G
Ferrous sulfate aqueous	G	G
Ferrous sulfate saturated	G	G
Fixer for fotos	G	M
Fluorides	G	G
Fluorine	M	X
Fluorosilic acid	G	G
Formaldehyde solution 10	G	M
Formaldehyde solution 30	G	M
Formaldehyde solution 40	G	M
Formamide techn. pure	X	X
Formic acid 3	G	M
Formic acid 50	G	M
Formic acid 98-100	M	X
Freon F-21	X	X
Freon F-22	X	X
Freon T-F	G	M
Fruit pulp	G	G
Fruit wine	G	G
Furfural	X	X
Furfuryl alcohol techn. pure	X	X

CHEMICAL	DEGREES 20	60
G		
Gallic acid	G	G
Gas, natural	G	G
Gasoline	M	M
Gelatin each	G	G
Glucose each	G	G
Glue (bone glue) each	G	M
Glycerol each	G	M
Glycine 10	G	M
Glycolic acid 37	G	G
Glycolic acid 70	G	G
H		
Heptane	G	M
Hexane G/X	G	X
Hexanetriol 100	G	G
Hexyl alcohol	G	G
Hydrofluosililic acid	X	X
Hydrogen bromide 20	G	G
Hydrogen bromide 40	G	G
Hydrogen bromide 50	G	G
Hydrogen chloride (gas) anhydrous	G	M
Hydrogen chloride 1-5	G	G
Hydrogen chloride 20	G	M
Hydrogen chloride 35	G	M
Hydrogen chloride concentrated	G	M
Hydrogen cyanide techn. pure	G	M
Hydrogen fluoride 4	G	M
Hydrogen fluoride 50 G/X	G	X
Hydrogen fluoride 70	M	X
Hydrogen peroxide 3	G	G
Hydrogen peroxide 30	G	M
Hydrogen peroxide 90	G	M
Hydrogen sulfide saturated	G	M
Hydrogen techn. pure	G	G
Hydroquinone saturated	G	G
Hydroxyaluminium di(acetate) aqueous	G	M
I		
Iodine, tincture of	X	X
Iodoform 100	X	X
Isobutanol	G	G
Isopropyl acetate	X	X
Isopropyl alcohol techn. pure	G	G
J		
Jam	G	M
Jet fuel JP-3	M	M
Jet fuel JP-4	M	M

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CHEMICAL	DEGREES 20	60
Jet fuel JP-5	M	M
Juices	G	G
K		
Kerosene	M	M
Ketones	X	X
L		
Lactic acid 25	G	G
Lactic acid 3	G	M
Lactic acid 80	G	M
Lactic acid 85	G	M
Lactic acid 90	X	X
Lactose aqueous	G	G
Lanolin techn. pure	M	M
Lard	G	G
Lauryl alcohol 100	G	G
Lead acetate aqueous	G	G
Lead nitrate aqueous	G	G
Lead sulfate	G	G
Linseed oil techn. pure	G	M
Liqueurs	G	G
Lithium bromide	G	G
Lube oils	G	G
M		
Machine oil 100	G	G
Magnesium carbonate saturated	G	G
Magnesium chloride aqueous	G	G
Magnesium chlorite	G	G
Magnesium hydroxide saturated	G	G
Magnesium iodide	G	G
Magnesium nitrate saturated	G	G
Magnesium sulfate each	G	G
Mercuric chloride aqueous	X	X
Mercuric cyanide saturated	G	M
Mercuric nitrate saturated	G	M
Mercury pure	G	G
Methane techn. pure	G	G
Methyl acetate techn. pure	X	X
Methyl alcohol	G	M
Methyl benzene	X	X
Methyl bromide techn. pure	X	X
Methyl chloride techn. pure	X	X
Methyl dichloroacetate	X	X
Methyl ethyl ketone	X	X
Methyl propyl NDetone	X	X
Methyl sulfuric acid 50	G	M
Methyle isobutyl ketone	X	X
Methyle sulfate	G	M
Methylene chloride	X	X
Milk	G	G
Mineral oil G/X	G	X

CHEMICAL	DEGREES 20	60
Mineral water	G	G
Molasses	G	M
Molasses wort	G	G
Monochloroethane	X	X
Morpholine techn. pure	X	X
Motor oil	G	G
Mustard	G	G
N		
Naphtha	G	G
Naphthalene 100	X	X
Nickel dichloride saturated	G	G
Nickel sulfate saturated	G	G
Nickelous nitrate saturated	G	G
Nicotine	G	G
Nicotinic acid diluted	G	G
Nitric acid 100	X	X
Nitric acid 1-10	G	G
Nitric acid 50	G	M
Nitric acid 66	M	X
Nitric acid 70	M	X
Nitrobenzene	X	X
Nitroglycerine diluted	X	X
Nitrohydrochloric acid	X	X
Nitrose gases diluted	G	M
Nitrotoluene techn. pure	X	X
Nitrous acid 10	G	G
Nitrous oxide	G	G
O		
Octane N/X	N	X
Oils and fats, vegetable	G	G
Oleic acid techn. pure	G	G
Oleum 10 SO3	X	X
Olive oil	G	G
Orange oil, bitter	M	X
Oxalic acid	G	M
Oxygen techn. pure	G	G
Ozone	G	M
P		
Palmitic acid 10	G	G
Palmitic acid 70	G	M
Pectin aqueous	G	G
Pectin	G	G
Pentanol	G	M
Pentanone	X	X
Perchloric acid 10	G	M
Perchloric acid 70	X	X
Petroleum ether techn. pure	G	G
Phenol 10 G/X	G	X
Phenol 100	X	X
Phenylhydrazine hydrochloride	M	X

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CHEMICAL	DEGREES 20	60
Phenylhydrazine techn. pure	X	X
Phosgene gaseous	X	X
Phosphates aqueous	X	X
Phosphoric acid 1-5	G	G
Phosphoric acid 20	G	G
Phosphoric acid 85	G	G
Phosphorus oxychloride 100	X	X
Phosphorus pentachloride	X	X
Phosphorus trichloride	X	X
Picric acid 1 aqueous	M	X
Potassium borate 10	G	M
Potassium bromate saturated	G	M
Potassium bromide each	G	M
Potassium carbonate saturated	G	G
Potassium chlorate saturated	G	G
Potassium chloride aqueous	G	G
Potassium chromate saturated	G	G
Potassium cyanide saturated	G	M
Potassium dichromate saturated	G	M
Potassium ferrocyanide saturated	G	G
Potassium fluoride	G	G
Potassium hydroxide 1	G	G
Potassium hydroxide 10	G	G
Potassium hydroxide 30	G	M
Potassium hydroxide 50	G	M
Potassium hydroxide concentrated	G	M
Potassium hypochlorite diluted	G	M
Potassium iodide saturated	G	G
Potassium manganate	G	G
Potassium nitrate	G	G
Potassium perchlorate saturated	G	M
Potassium permanganate 10	G	M
Potassium persulfate each	G	M
Potassium sulfate aqueous	G	G
Precipitated silica each	G	G
Propane gaseous	G	G
Propargyl alcohol 7	G	G
Propenyl alcohol	G	G
Propionic acid 100	X	X
Propionic acid 50	G	M
Propyl alcohol	G	G
Propylene glycol	M	X
Propylene	M	X
Propylene oxide	X	X
Pyridine	X	X
Pyrogallic acid G/X	G	X
R		
Ramasit	G	G
Resorcinol 5 G/X	G	X
Resorcinol saturated	M	X
S		
Salicylaldehyde	M	X
Salicylic acid powder	G	M
Salicylic acid saturated	G	M
Sea water	G	G
Silicic acid	G	G
Silicofluoric acid 32	G	G
Silicone oil	M	M
Silver acetate	G	G
Silver cyanide	G	G
Silver nitrate	G	G
Soaps, liquid	G	G
Soapy solution each	G	G
Sodium acetate each	G	M
Sodium benzoate	G	M
Sodium bisulfate 10	G	M
Sodium bisulfate saturated G/X	G	X
Sodium borate saturated	G	M
Sodium bromide each	G	M
Sodium carbonate	G	G
Sodium chlorate aqueous	G	M
Sodium chloride aqueous	G	M
Sodium chromate diluted	G	M
Sodium cyanide saturated	G	G
Sodium dichromate	G	G
Sodium ferrocyanide	G	G
Sodium fluoride saturated	G	G
Sodium hydrosulfite 10	G	M
Sodium hydroxide 1	G	M
Sodium hydroxide 30	G	M
Sodium hydroxide 45	G	M
Sodium hydroxide 50	G	M
Sodium hydroxide 60	G	M
Sodium hypochlorite 12,5 Cl	G	M
Sodium hypochlorite 15	G	M
Sodium hypochlorite diluted	G	M
Sodium hypochlorite saturated	G	M
Sodium iodide each	G	M
Sodium metabisulfite each	G	M
Sodium nitrate saturated	G	G
Sodium nitrite saturated	G	G
Sodium oxalate saturated	G	M
Sodium perborate saturated	G	G
Sodium perchlorate saturated	G	G
Sodium peroxide saturated	G	G
Sodium persulfate saturated	G	M
Sodium phosphate saturated	G	M
Sodium silicate saturated	G	M
Sodium sulfate saturated	G	M
Sodium sulfide saturated	G	M

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CHEMICAL	DEGREES 20	60
Sodium sulfite saturated	G	M
Sodium thiosulfate saturated	G	M
Soft soap diluted	G	M
Spirit (of wine)	G	M
Spirits	G	G
Spirits of Turpentine	G	M
Spirits of wine 96	G	M
Spruce oil	M	X
Stannic chloride aqueous	G	G
Stannous chloride saturated	G	G
Starch solution each	G	G
Starch syrup	G	G
Stearic acid crystals	G	G
Styrene 100	X	X
Sugar syrup	G	M
Sulfur dioxide damp	G	M
Sulfur dioxide liquid	M	X
Sulfur trioxide	X	X
Sulfuric acid 1-6	G	G
Sulfuric acid 20	G	G
Sulfuric acid 40	G	M
Sulfuric acid 70	G	M
Sulfuric acid 80	G	M
Sulfuric acid 95 G/X	G	X
Sulfuric acid fuming	X	X
Sulfurous acid saturated	G	G
Sulfuryl chloride techn. pure	X	X
T		
Tallow techn. pure	G	G
Tannic acid 10	G	G
Tanning extracts, vegetable techn.	G	G
Tar	G	G
Tartaric acid	G	G
Tetrabromoethane (TBE) 100	X	X
Tetrachloreethane techn. pure	X	X
Tetrachloroethylene	X	X
Tetrahydrofuran (THF)	X	X
Tetrahydronaphthalene techn. pure	X	X
Thionyl chloride techn. pure	X	X
Toluene 100	X	X
Transformer oil	G	G
Tribromomethane	X	X
Tributyl citrate (TBC)	M	X
Tributyl phosphate (TBP) techn. pure	X	X
Trichloroacetaldehyde 100	X	X
Trichloroacetic acid (TCA)	X	X
Trichlorobenzene 100	X	X
Trichloroethane	X	X
Trichloroethylene (TRI) 100	X	X
Trichlorotrifluoroethane 100	M	X
Tricresyl phosphate (TCF) techn. pure	X	X
Triethanolamine (TEA) techn. pure	M	M
Triethylene glycol	G	M
Trimethylolpropane aqueous	G	G
Trioctyl phosphate techn. pure	X	X
Tripropylene glycol (TPG)	G	M
Trisodium phosphate	G	G
U		
Undecanol	G	M
Urea 30	G	M
Urine	G	M
V		
Vaseline oil 100	G	G
Vaseline oil	G	M
Vegetable oils	G	G
Vinegar	G	G
Vinyl acetate techn. pure	X	X
Vinyl chloride techn. pure	X	X
Vinylidene chloride	X	X
W		
Water	G	G
Water, distilled	G	G
Wax alcohol techn. pure	G	G
Wetting agent 5	G	M
Whiskey	G	G
White Spirit	G	G
Wines	G	G
X		
Xylene	X	X
Z		
Zinc carbonate saturated	G	G
Zinc chloride 10	G	M
Zinc chloride aqueous	G	G
Zinc nitrate	G	G
Zinc oxide solid	G	G
Zinc phosphate saturated	G	G
Zinc stearate	G	G
Zinc sulfate 10	G	G

FOR MORE INFORMATION

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