

FLUID RESISTANCE GUIDE

The information in this document is to be used only as a guide to select equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application. Factors such as variations in the material, temperature, pressure, concentrations and exposure time can cause equipment to fail, even though the material probes passed tests in laboratory or initial tests in the application.

Trafag does not warrant (neither express nor implied) that the information in this chart is accurate or complete or that any material is suitable for any purpose.

09/2020

Data sheet H70332a

Subject to change

H70332a

		CODES: S - SATISFACTORY F - FAIR U - UNSATISFACTORY T - TEST FOR SPECIFIC APPLICATION																																
		RESILIENT MATERIALS					PLASTICS					METALS																						
BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	HYALON (CSM)	NEOPRENE (CR)	URETHANE	SILICONE	VITON (FKM/FPKM)	BUTYL	FLUOROSILICONE	HYDREL	CELCON	DELKON	LEXAN	NYLON	POLYSULFONE	PVC	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYPHENYLENE SULFIDE	ULTEM	ST. ST. DIN 1.4435/1.4404	STEEL	ST. ST. AISI 304	ST. ST. DIN 1.4301/1.4305/1.4342	40 NICKEL-IRON	LEAD	IRON	INCONEL	COPPER	BRONZE	BRASS	ALUMINUM		
F	U	F	F	T	S	U	S	F	S	S	U	S	T	S	U	U	S	U	S	S	S	S	S	S	S	S	T	S	S	S	S	Butane		
S	F	S	F	U	F	S	T	T				S	S		S		S	S	S	S	S	S	F	S		S	S	S	S	S	S	Butanol		
S	S	S	F	S	T	S		T	S			S				S	S	S	S	S	U	S	F	S		U	S	U	U	U	S	Buttermilk		
U	T	U	U	U	U	U	U	U	F	F	U	S	U	U	S	U	U	S	U		S	S	F	F	S	F	F	F	F	F	F	S	Butyl acetate	
S	F	S	S	F	T	S		S				S				S	S	T			S		F		S	S	S	S	S	S	S	Butyl alcohol		
T	U	U	U	U	S	U	T	U						S							F	F	F	F				F	F	F	F		Butyl stearate	
U	F	U	U		S	F	T	T	T	U	U		U	U	S	T		S	U		F	T	U	U	S	T	U	U	S	T	T	U	Butyric acid	
F	S	U	F	U	U	U	F	U													T	T	F	T	F				F	F	F	U	Calcium acetate	
S	U	S	S		S	F	U	T	U	U	U	S	S		S	S	S	S	U		T	U	U	F	F	U	U	T	F	U	U		Calcium bisulfite	
														S	S						S		U	F	F	S	U	U	U	U	U		Calcium carbide	
S	S	S	S	U	S	S	T	T		S	S		S	S	S	S	S	U		F	F	F	S	S	F	U	F	T	F	S	F	S	Calcium carbonate	
F	S		F		S	F		F	S		U	S	S	S	S					F	F	F	F	T	T		F	T	T	U	T	T	Calcium chlorate	
F	S	S	S	S	S	S	F	T	F	F	S	S	U	S	S	S	S	S	U		T	S	T	F	S	S	T	U	T	S	T	F	U	Calcium chloride
														S							T	T		F	S			F	F	U	T		Calcium uoride	
S	T	S	T	U	S	S	T	T	T	S	S	S	S	S	S	S	S	U		F	F	F	F	S	S	F	U	F	S	F	F	U	U	Calcium hydroxide
U	S	S	U	U	S	F	T	F	T	F	F		T	S	S	S	S	S	U		U	U	U	T		U	U	U	U	U	U	U	Calcium hypochlorite	
S	S	S	S	U	F	S	T	T	S			T	S	S		S	S	S	T		T	T	F	T	F				F	F	F	T	Calcium nitrate	
S	S	S	U	S	S	T		S				S	S	S	S	S	S	S		T	T	F	F	S		F	F	F	U	F	U	F	Calcium sulfate	
S	S	S	S	S	F										U						F	F	F	U				U	U	U	T		Calcium sulphide	
S	T	S	S	U	S	S	F	T		S	S		S							F	U	F	S		S	U			U				Calgon	
S			S		S									S							S												Caliche liquid	
S	S	S	S	U	S				S	S	S		S	S	S	S						F	S		S			S	S	F	F		Cane sugar syrups	
U	F	U	U	U	F			U			S		S								T	F	S	S	F	F	T	F	S	F	T		Carbolic acid (Phenol)	
U	U	U	U	S	S				S	S	S	S	U	S	U						S	F	F	F		F	F	F	S	F	F	F	Carbon bisulfide	
S	T	T	T	S	U	T	T	T	F	S		U	S	S	S	S	S	T		S	S	S	S	S	S	S	S	S	S	S	S	S	Carbon dioxide dry	
U	U	U	U	U	U	S	U	T	U	F	F	U	U	U	S	U	U	S	U		T	S	S	S	F	F		S	U	F	U	S	Carbon disulfide	
F	S		T	U	S	S	T	F	F	S	T		T	S	S	S	S	S			S	S	F	S	F	S	S	S	S	S	S	S	Carbon monoxide	
U	U	U	U	U	U	S	U	U	F	U	F	U	U	T	S	U	U	T	U	S	F	T	F	F	F	F	T	U	S	T	F	T	U	Carbon tetrachloride
S		S	S	S	S							S		S							S	S		S				T	F	F	F		Carbonated water	
T	S	S	S	T	S	S	F	T	U	S		F	S		S	S	S	S	F		S	U	F	F	F	S	U	U	S	T	T	F	F	Carbonic acid
S	F	S	S	F	S				S	S	S	S	S	S	S	S					S	T	S			S	S	S	S	S	S	S	Castor oil	
							S																											Cellosolve (see Ethyle acetate)
U	S	U	U	U	T	T							S								S	S	S	S	S	S	S	F	S	S	F		Cellulube	
S	U	T	F	T	T	S			F	S	S		S	S							S	T	S		S		S	F	T	F	S		China wood oil (Tung)	
U	U		U	U	S	U	T	U													T	T		T	T			T	T	T	T		Chlordane	
F		S									U			S								S	S			T	U						U	Chlorides, organic
U								U	U					S	U	T	U				U	U	U	U	U	U	U						U	Chloric acid
F	F			S	F						U			S	F							U	U										U	Chlorinated water
U	U	U	U	U	U	S	U	T	U			U	U	U	T	S	U				T	F		F	T			T	S	T	U		Chlorinated solvents	
U		U		F	S				U	U	U	U	U	S	T							F	U			S	F	U		T	T	U	Chlorine anhydrous liquid	
U	U	U	U	U	F	U	T		U	U	U	U	U	S	U	U	U	U			T	T	U	U	F	T	F	T	T	T	U	U	Chlorine, gas	
U	U	U	U	U	U	T	U	T	U					S	U						U	U		U	S			U	U	U	T		Chlorine, dioxide	
U	U	U	U	U	U	U	U	U	U	U				U	U	F					T	S	T	T		S		T	T	T			Chlorine trifluoride	
U	F	T	U	U	U	S	T	U	U	U		S	U	S	S	U	S	U			T	U	U	U	F		F	U	F	U	U	U	Chloroacetic acid	
U	U	U	U	U	S	U	T	U	S	S	U	T	U	S	U	U	S	U	U		T	T	F	F	F	F	T	T	F	F	F	S	Chlorobenzene	
U	U	U	U	U	T	T	U	U	F	F	S	S	U	S	U	U	U	U	F		T	T	F	S	S	S	F	T	T	T	F	T	U	Chloroform
U	U	U	U	U	U	U	U	U	U	U		U	U	S	U	U	U	U			U	U	U	T		F		F	U		U	F	Chlorosulfonic acid, diluted	
U		U	U		T	U	T														T	T	T	F				U	U	T	T		Chlorothene (trichloroethane)	
U	F	U	F		S	S			U		S	T	S									U	U	U		F	U		U	U	U		Chlorox	
F				S	T			U						S												S				U	U		Choline chloride	
U	F	U	U	U	F	F		U																										Chrome plating solution
U	U	F	U	U	T	U	T	T	U	U		U	U	T	S	T	T	T	T		T	U	U	T	U	U	F	F	F	U	U	U	U	Chromic acid
S	S		F	T	T	S	F					S		S	S						T	U	U	F		T	F	U	T	T	T	U	Chromium-potassium sulfate	
													S		S							U	F	F		T	F	U	F	F			Chromium sulfate (basic)	
S	S		S	U	S	S	U	T	T	S			T	S		S	S				S	U	S	S		S		S	S	U	F		Cider	
S	S	S	S	S	S	S	S	T	F	S		S	T	S	S	S	F	S	T	T	T	U	T	T	T	T	U	U	F	U	U	T	Citric acid	
T	U		U	U	T	S	T	U			U			S							S		S		S								Coal tar	
S	F	U	U	U	S	F	T	S		S		T		S	T						F	F	S	S		S	S		T	T			<	

CODES:		S - SATISFACTORY		F - FAIR		U - UNSATISFACTORY		T - TEST FOR SPECIFIC APPLICATION																										
RESILIENT MATERIALS				PLASTICS				METALS																										
BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	HYALON (CSM)	NEOPRENE (CR)	URTHANE	SILICONE	VITON (FKM/PM)	BUTYL	FLUOROSILICONE	HYTREL	CELCON	DELON	LEXAN	NYLON	POLYSULFONE	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYPHENYLENE SULFIDE	ULTEM	ST. ST. DIN 14435/1 4404	ST. ST. DIN 14435/1 4404	SILVER	40	NICKEL-IRON	MONEL	LEAD	IRON	INCONEL	COPPER	BRONZE	BRASS	ALUMINUM		
S	U	F	F	T	S	S	F	T	S	F	F	T	S	S	S	S		U	S	S	S	S	S	S	S	S	S	S	S	U	F	S	Corn oil	
S	T	S	T	S	T	T	S		S					S	S	S	S		S	F	S	S	F	T	S	S	S	S	S	F	F	Corn starch slurys		
S	T	S	U	T	S	F	U	T	S	S			S	S	S	S	S		S	S	S			S	S	S	S	T	S	U	S	Cottonseed oil		
U	U	U	U	T	U	S	U	T	U	U	U	U	U	T	S	U	U	S	U	F	S	F	S		F	U	F	S	F	S	F	S	Creosote	
U	U	U	U	U	U	F	U	U	U	U	U	U		S	U	U	U	U	T	U	F	S	F		F	U	F		F	F	U	F	Cresylic acids (alkyl phenols)	
F				S																U	U	U		U		U		U	U			Cupric chlorides 5%		
U	S	U	U	U	T	S	U	T	F	F	U	T	F	U	S	F	U	S	U	T	U	T	T		T	T	T	T	T	T	F		Dibutyl phthalate	
S	U		U	U	S	U	T	T	S			S	S		S	S	U	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	Diesel fuel	
U	U			U	U	S			S			S		S	U				S	S	S	S	S	S	S	S	S	S	S	S	S	F	Diesel oil, light	
U	U	U	U	S	U	U			F										F	F	F		F		F	F	F	F	F	F	F	F	Diethyl ether	
U	U		U	U	F	U	U	T	T	U				S	T	U	U	F	U	T	F	T			F	T	U						Dichlorethane	
F														S					F	U	F			S	F	F		F	F	F	F	F	Diffluoroethane(dow chem. #200)	
F		S		S				S		S		S	S	S	S					S	S	S	S	S	S	U						S	Distilled water	
F	U	T	S	U	S	U	T	F	S		S			S				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	D.T.E. Lubricating oil	
U	U	U	U	U	U	S	U	T	S	T	U	U		S	U		S	T		S	S	S	S			U			T	T	T		Dowtherm A or E	
T		S	F				T	S	S	T	S		U	S					S	S	S	S	S	S	S	S	S	S	S	S	S	T	Enamel	
S	U	F	S	S	S	U	T					S		S					S	S	S	S	S	S	S	S	S	S	S	S	S	S	Esso # 90 line	
S	U	F	F	U	U	S	U	T		S	S	U		S	U	U			S	S	S	S	S	S	S	S	S	S	S	S	S	S	Ethane	
U	U	U	T	U	U			S				S	U	U	U				S	F	S	S		F	F	F	S	F	F	F	F	F	Ether	
U	T	U	U	U	U	T	U	F	F	U	S	U	S	U	S	U	S	U	S	S	F	S	F	S	F	T	T	T	F	S	F	T	Ethyl acetate	
U	U	U	U	U	F	U	F		F	F	S	U		S	U	U	U	U	F	T	F	F	S					F	F	F	T		Ethyl benzene	
S	F	F	F	F	U	T	U	T	S	S	U	S	T	S					F	T	F	F	S					F	F	F	F		Ethyl cellulose	
S	S	U	U	U	S	T	T	U	S	S	U	S	U	U	S	U	U	U	T	T	T	T	S	F	F	T	T	T	T	T	T		Ethyl chloride	
U	U	U	F		S		T												F	F	F	U					U	U	U	F		Ethyl metcaptan		
U	S	S	U	T	U	T	U	S		S			S	T				U	F					T				F	F	F			Ethyl sulfate	
S	U		U	T	U	S	T	T	S		S		F	S				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	Ethylene	
								S				U		U	U				T		F	F	F	T		T	T	T	T	T	T		Ethylene bromide	
	T	T	U	U	T	T			S			U		S		S			T	T	T	F	F	T		T	T	F	F	T			Ethylene chloride	
U	U	U	U	U	S	U	U			S		S		S	T				T	U	T	T	F	T	U	T	T	T	U				Ethylene dibromide	
U	U	U	U	U	T	U	U	T	T	S	U	U	S	U	U	S	U	F	T	T	F	S		F	F	T	T	U	F	F	F		Ethylene dichloride	
S	S	S	F	U	T	S	S	T	S	S	S	S	S	S	S	S		F	S	F	S	S		F	F	F	S	F	F	F	F		Ethylene glycol	
U	T	U	U	U	U	T	U	T	S	S	S	U	S	U	U	U	U	F	S	S	F	T		S	F		T	T	T	U			Ethylene oxide	
F																		T	F	S	S		F	F	T		F	S	F	U			Embalming fluid	
																																		Ethanol (see alcohol-ethyl)
S	T	U	U		T	S			S		S		S	S	T				U	S	S	S		T	U	U	S	U	U	U	U	S	Fatty acids	
S	S	F	F	S	F	S	F	T	F	F	S	S	U	S	S	S	S	S	S	U	U	U	U	U	U	T	U	U	U	U	U	U	Ferric chloride	
T	S	S	S	S	U	S	T	T	F		T	S	S	S	S	S	S	T	U	F	S	U		U	U	U	U	U	U	U	U	U	Ferric nitrate	
S	F		S	T	S	S	F	T	T	F	F	S	S	S	S	S	S	T	T	U	T	T	T	T	F	U	U	U	U	U	U	U	Ferric sulfate	
			T		T									S					U		U			F	U		U	U	U	F			Ferrous ammonium sulfate	
S	S		S	T	S	S	F		T	F	F	S	U	S	S	S	S	S	U	U	U	U	F		U	U	U	T	U	T	U	U	Ferrous chloride	
S	S		S	T	S	S	F	T	T	F	F	S	S	S	S	S	S	T	F	U	S	S	U	T	T	U	F	T	T	U	S		Ferrous sulfate	
S	U		F	S	T	S		T				S		S	S	S	T	S	S	S	S		S	S	S	S	S	S	S	S	U		Fish oil	
S	S	S	S	U	T	S	U	T	U			S		S	S	F	S		T		S	S		T		T	T	T	T	T			Fluoboric acid	
U	T	T	U	U	T	U		U	U	U		U	U	T	U	U	U	U	T	U	F	F	S	S	F	F	T	T	T	F			Fluorine	
S	S	S	T	U	S	U	T	U	F	U	U		S		S	S	T	S		T	U	T	T	T	S		T	T	U	U	U		Fluosilic acid	
S	S	T	T	U	S	U	T	U	U	S	T	U	S		S	T	T	S		T	F	S	S		F	U	T	F	F	F	S		Formaldehyde	
U	F	S	S	U	S	U	F	U	U	U	U	S	U	F	T	S	U	S	T	T	F	U	U	T		F	U	U	F	T	U	U	Formic acid	
F	U	S	F	U	U	U	F	T	S			S	U	T	S	U	U	U	U	S	U	S	S	S	F	U	T	S	S	S	S	S	Freon 11	
S	U	S	S	S	U	T	U	T	S			S	U	S	S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 12	
S	U	S	S	S	U	U	U	U	S			S	U	S	S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 13	
U	U	T	T		U	U	U		S			S	U	S	S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 21	
U	T	T	T	U	U	U	U	U	S			S	U	U	S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 22	
U	T		F		U	T		S				S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 31	
S	T	S	S			T						S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 32	
F	U	F	T	F	U	T	U		S			S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 112	
S	U	S	S		U	U	U	U	S			S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 113	
S	U	S	S	T	U	F	U	F	T	S		S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 114	
S	S		S	U	T	T			S			S	U		S	U	U	U	U	S	U	S	S	S	F	U	S	S	S	S	S	S	Freon 115	
S			S					S				S								U	S	S	S		U		S	S	S	S	S	S	Freon 218	
U		S			U			S				S	U		S	U	U	T	U	S	U	S	S	S	T	U	T	S	S	S	S	S	Freon 502	
S	S		S	U	U	S	S	U	U	F	F	U	U		S	U	U	U	U	S	T	S	S	S	F		S	S	S	T			Freon 503	
S												S								S	S												Freon 13B1	
S			S						S			S								U	S	S	S		U		S	S	S	S	S	S	Freon 6316	
S			S						S			S													U		S	S	S	S	S	S	Freon 6318	
S	U	S	S	T	U	S	U	U	S	S	S	U	T		S	T	U	T	S	T	S	S	S	F		S	S	S	T				Freon TF (solvent)	
T	T	S	T	S	U	S	T		S	S					S	T	U	T	U	U	S	T				S	S	S	T				Freon TWD 602 (sol	

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			RESILIENT MATERIALS										PLASTICS										METALS														
			BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	HYDRAULIC OIL	NEOPRENE (CR)	URETHANE	SILICONE	VITON (FKM/FFKM)	BUTYL	FLUOROSILICONE	HYTREL	CELCON	DELNIN	LEXAN	NYLON	POLYSULFONE	PVC	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYPHENYLENE	POLYCARBONATE	ULTEM	ST. ST. DIN 1.4435/1.4404	STEEL	ST. ST. DIN 1.4301/1.4305/1.4342	49 - NICKEL-IRON	MONEL	LEAD	IRON	INCONEL	COPPER	BRONZE	BRASS	ALUMINUM	
																																					Freon TM
T	T		T	U	S	T					S	S			U		S	T	U		U		S	T	F	T			F			F	F		S	U	Freon TMC (solvent)
F	U		U	U	U	U	T	F	F			F	F		U		S	U	U	U	U		S	T	S	S	S		F			S	S	S	S	T	Freon MF (solvent)
F	U		U	T	U	S	U				F	F			U		S	U	U	U	U		S	T	S	S	S		F			S	S	S	S	T	Freon BF (solvent)
S	S	S	S	S	S	S		S	T	T	T	S	S		S		S	S	S	S	S			S	U	F	F			S	U		F	F	U	T	Fruit juices
T	U		U	T	U	S	U	T	T	S	S	S	S	S	F	S		S			S				T	S	S	S		S	S	T	S	T	S	S	Fuel oils
U	F	U	U	U	U	S	U	T	F	F	S	U	U	U	S	U	U	S	U	S	U		S	S	S	S	F		F	T	T	F	F	S	F	S	Furfural
T		S				S				F	F				U		S	U	U	U	U		S	T	S	S			F			S	S	S	T	Freon 123	
U	S		S	U	U	U	U	U	F	F		T	U				S	U	U	U	U		S	T	S	S			F			S	S	S	T	Freon 134A	
S	U	T	U	U	F	U	T	F	U	U					S	F	S		S	T	U	S	T		S	U	F	S	S		F			S	F	S	Gallic acid
T	U	U	U	T	U	S	U	S	T	S	F	S	S	S	T	S		S	U	U	S	T	S		S	S	S	S		S	S	T	S	T	S	F	Gasoline
S	S	S	S	U	S	S	T	T		S	S		S	S	S	S	S	S	S	S	S			S	U	S			S		U		S	S	F	S	Gelatin
S	S	S	S	U	S	S		F	T	F	S	S	S	S	S	S	S	S				T		S	S	S	S			S	S		S	S	F	S	Glucose, edible
S	S	S	S	U	S						S	S	S	S	S	S	S	S							S	T	S			S	S		S	S	F	S	Glue (non acid)
S	S	S	S	U	S	S	F	T	T	S	S	S	S	S	S	S	S	S	S	S	S		S	S	S	S	S		S	F	F	S	F	S	S	Glycerine (Glycerol)	
S	U		U	S	U	S	U	T	T	S	S			S			S	T						S	S	S	S		S		S		S	S	S	Grease, petroleum base	
S		S	S	S	S										S		S							S	S	S	S	S	S	F	S		S	S	S	Goulac (core binder)	
S	S	S	T	T	S	F	T	U						U	S		S								F	T	U	F		F	U	T	U	U	U	Green sulfate liquid	
S	S	S	S	U	S					S									S						S	S	S						S	S	S	Glycol solution	
U	U		U	U	F		U	U	U		U	U		U	U		S	U	U	U	U		S	U	S	S	S						S	F	U	Halon 1011	
F		U			U														U															S	Halon 1202		
T					S	T														U				S	S	S	S						S	S	S	Halon 2402	
T		S	T	F	F	S	U	S	S		S			T	U								S	T	T	S					S	S	S	T	Halon 1301		
T		U		F	U						S												U	S	S	S							S	S	S	Halon 1211	
S	U	F	F	F	U	S	U	T	T	S	S		S	U		S	U	U	S	U		S	S	S	S	S		S				S	S	S	S	Heptane (liquid)	
F	U	S	F	S	U	S	U	T	T	S	S		T	S		S	U	U	S	U	S		S	S	S	S	S		S		F	F	F	F	Hexane		
S	U	S	T	F	U	S		T	S	S		T	S		T	S		S	T	U	S	T		S	S	S	S	S	S	S	S	S	S	S	S	Hydraulic oil	
F	S		F	U	U	S	U	F		S	S		S		S		S	U					S	U	F	S	U		U	U	U		U	U	U	Hydrazine	
U	S	U	U	U	F	T	U		U	U	S	U	S				S	S	T	U	U		U	U	U	U		U			U	U	U	U	Hydrobromic acid		
T	U	T	U	T	U	F					U	U	U	S			U	U							F	F	F	S				S	S	S	S	Hydrocarbons (chlorinated)	
T	F	T	T	U	T	T	T	U	U	U	S	U	S	S	F	T	T	T	T	T	U	U	U	U	T	U	U	U	F	U	U	U	T	U	U	Hydrochloric acid (aerated)	
T	F	T	U	U	T	T	T	U	U	S	U	S	S	S	S			S	S	S			F	U	S	S	T		F		U	T	U	U	S	Hydrochloric acid (air free)	
S	S	S	S	U	S	F	T	U	U	U	S	U	S		S		S	S	S				F	U	S	S	T		F		U	T	U	U	S	Hydrocyanic acid	
T	T	S	U	T	U	S	U	U	U	U	S	U	S		S		S	T	T	T	T		T	T	U	U	F		U	U	U	U	U	U	U	Hydrofluoric acid (aerated)	
U	T		U	T	U	S	U	U	U	U	S	U	S		S		S	T	T	T	T		T	T	U	U	S		F	T	U	T	T	U	Hydrofluoric acid (air free)		
S	S	S	S	U				U	U	S		S	S		S		S							U	U	U		S		S			U		U	Hydrofluosilicic acid	
S	S	S	S	T	S	S	U	F	U	U	S	S	U	S			S	S	S	S	S		S	S	S	S	S		T	S	S		S	S	S	Hydrogen 377	
U	T		U	U	S	F	U		U			T			S	F		T	U		T	T	U	U	U	U	U	U	U	U		U	U	U	U	Hydrogen bromide (anhydrous)	
U	S		T	S	T	T	U	U	U	U							S	S	S				S	T	U	T	F		T	F	T	S	T	T	U	Hydrogen chloride (anhydrous)	
T	F		U	U	S	U	U	U									F	T	T					F	F	F	F	S		S		S	T	T	U	Hydrogen Boride	
U	T	U	U	T	T	T	T	U	T	U		U	T	S		S	T	T	T	T	T		T	T	T	T	U		T	U	T	F	U	U	F	Hydrogen peroxide	
T	S	T	F	U	T	U	F	U	T	U	S	U	S	S		S	S	S	S	S	T		T	T	T	T	U		T	F	T	S	U	U	F	Hydrogen sulfide	
T		S	T	S		S						F	S	S									S	S	T			S		U					T	Ink (non aniline)	
U	F	F	U	U	S	T	T	T	U	U		S	S	U		S	T	U	U				T	T	T	T	U		T	U	U	S	T	T	U	Iodine	
																																				Iron potassium sulfate	
T	U		F	T	U	F	U	T	S		S			S			S						S	S	S	F	S	S	S	S	S	S	S	S	S	Isobutane	
S	U	S	F	S	U	S	U	S	S	F	S	T	S		S		S	T	T	S	T		S	S	S	S	S	S	S	S	S	S	S	S	S	Isooctane	
U	F	U	U	U	U	F	U	U	S		T	U					S	T	T	U		U	F	S	T	F	U		T			U	T	T		Isopropyl acetate	
F	S	S	F	U	S	S	F	T	T	S	S		S	F		S	S	S	F	S	S		S	S	S	S		S			F	S	S	S	S	Isopropyl alcohol (Isopropanol)	
F	U		U	U	S	U	T								U					U																JP-1, JP-A, JP-A1	
F	U		U	U	S	U	T								U				U																JP-2		
F	U		U	U	S	U	T								U					S	T	U	S	T		S	S	S	S		S	S	S	S	JP-3		
T	U	U																																			

		CODES: S - SATISFACTORY F - FAIR U - UNSATISFACTORY T - TEST FOR SPECIFIC APPLICATION																																		
		RESILIENT MATERIALS														PLASTICS										METALS										
		BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	HYDRAULIC (CSM)	NEOPRENE (CR)	URETHANE	SILICONE	VITON (FKM/PPM)	BUTYL	FLUOROSILICONE	HYTREL	CELCON	DELFIN	LEXAN	NYLON	POLYSULFONE	PVC	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYPHENYLENE SULFIDE	ULTEM	ST. ST. DIN 1.4435/1.4404	STEEL	ST. ST. AISI430	SILVER	ST. ST. DIN 1.4301/1.4307/1.4542	MONEL	LEAD	IRON	NICHEL	COPPER	BRONZE	BRASS	ALUMINUM	
S	S	S	S	S	S							S		S		S		S	S	S			S	F	F	S	S			S	S	S	S	F	Lime slurry	
S	S	T	S	T	S	S	F	T				S			S	S	S				S	S	F	S		S		S		U	U	U	U		Lime sulfur	
	S	U	U	U	T	U				S																									Lindol (TCP)	
S	U	F	U	U	S	S	F	T	T	S	S		S	T	S	S	S	U	S	S		S	S	S	S	S	S		S		U	S	S	S		Linseed oil
F	U	U	U	U	U	S	U	T	T	S	S		F			S	U		S		S	S	S	S	S	T				S	S	S	S		Liquid petroleum gas (LPG)	
S	S		F	U	T	S		T							S	F						F	S	S			S			F	F	F			Lithium bromide	
S	F		S	T		S	T		S				S		S	S	S	S		F		S	F	F	F	T		F	U	F		F	F	F	U	Magnesium carbonate 437
S	S	S	S	S	S	S	S	F	T	T	S	S	T	S	S	S	S	S	S	S	S	T	U	U	T	F		F	U	T	S	U	U	U	U	Magnesium chloride
S	S	S	S	U	S	S	F		U	S	S	U	S	S	S	S	S	S	S	F		S	S	S	T		S	U	F	S	F	S	F	U	U	Magnesium hydroxide
S	T		S		S	T									S						S	S	S	S	S	S					S	S	S		Magnesium oxide	
S	S	S	S	U	S	S	F	T	T	S		S	S	S	S	S	S	S	F		F	S	F	S	F		S	F	F	F	T	T	T	F	Magnesium sulfate	
S	S	S	S		S	S	S	S		S			S								S	U	T	T	S		U	F	U		U	U	U	U	Magnesium sulfite	
S	S	S	S	S	S	S	S					S			S						S	F	S	S		S		U		U	F	U	S		Malt beverages	
S	S		F	T	U	S	F		F	F	S		S	S	S	T		T				U		F		F		U	F	F					Manganese sulfate	
S		S	S	S	S	S			S			S			S							F	S	S			S		U		F	F	U	S	Margarine	
S	U	S	S	U	S				S			S			S	S						S	F	S	F		S		U		F	F	U	U	Mayonnaise	
S	S	S	S	T	T	S	F	T		F	F	S	U	S	S	S	S		S		U	U	U	U	U		U	U	U	U	U	U	U	U	Mercuric chloride	
F	T		F			T	F		S					S	S	S	S				F	U	U	F		U			F	U	U	U	U	U	Mercuric cyanide	
S	S	S	S	T	S	S	T	U	T	U	U	F	S	S	S	S	S				S	S	S	S	U		U	U	S	S	U	U	U	U	Mercury	
S		S	S		S	S						S											T	U			F	U		U	U	U	U		Mercury salts	
U	T				U										S							T	F	F		U		F	U	U	U	F		Methallylamine		
T				S	U							U	U	S								T	F	U	F		F	S	S	F	S	S	U		Methallyl chloride	
S	U	T	F	U	U	S	U	U	T	S		F	S	S	T	U					S	S	S	S		S	S	S		S	S	S	S		Methane	
																																			T	Methanol (see alcohol-methyl)
U	F	U	F	U	U	T	U	U	F	F		F	U	U	S	T					S	S		T	T			S		F					Methyl acetate	
U	U	U	U	U	F	U	T	U	F	F	F	S	U	U	S	U	U	T	U		T	T	T	T	F		F	S	T	F	T	S	T	U	Methyl chloride	
U	F	U	U	U	U	F	U	T	F	T		S	U	U	S	U	U	S	U	U	S	F	F	F		S	S	S		S	S	S	S		Methyl ethyl ketone (MEK)	
U	U	U	U	U	F	U	F	U	S			U	U	U	S	T	U	S	U	U	F	T	T	T	S		F	T	F	T	T	U	S	U	Methylene chloride	
S												S			S							S	S	S						S		S			MIL-F-5516	
S												S			S								S	S	S					S		S			MIL-F-5572	
S												S			S								S	S	S					S		S			MIL-F-5624	
S					S																		S	S	S					S		S			MIL-F-25558	
S	U		S	S	S		S					S			S							S	S	S					S		S				MIL-H-5606	
S	U		S	S	S	S																S	S	S	S					S		S	S		MIL-L-7808	
S	S	S	S	U	S	S	U	T	F	S	F	S	S	U	S	S	F	S	S		S	S	S	S	U		U	S	S	U	U	U	S		Milk 474	
S			S		S	U			U	T	S	S	S	S	S								U	F		F	S	T	U		U	U	U	F	Mine water (acid)	
S	U		F	F	S	S	U	T	T	S		S	S	S	S	U	U	S	F		S	S	S	S		S	S	S	S	S		S	S		Mineral oil, USP	
F	U		U		U	S			S								U						S	S	S					S		S	S		Mineral spirits	
												U			S								F	F	U		U	U		U	U	U	U		Mixed acids (H2SO4 & HNO3)	
S	T	S	S	T	S	S	F	T	T	S	S	S	S	S	S	S	S	S	S		S	S	S	S	S		S	S	S	S	S	F	S		Molasses	
S	U	S	T	T		S		T	S			T	S	S	S	U	U	S	S	S	S	S	S	S	S		S		S	S	S	S	S		Motor oil - sae #10, etc.	
F	U	U	U	U	U	S	U	T	T	S		F	S	T	T	S	U	U	S			S	S	S	S		F	T	S	F	F	F	S		Naphtha	
U	U	U	U	T	U	S	U	T	T	S		S		U	S	F	U	S				S	S	S	S		F	F	F		F	F	F	F	Naphthlene	
F	U	U	U		U	S	U	T	U						S							T	T	F	T	S		T		F	U	F	F		Naphthenic acid	
S	U	S	S	U	U	S	U	U	T	S		S		S	S	S	U					S	S	S	S		S	S		F		S	S		Natural gas	
S	S	S	F	U	S	S	F	T	U	F	F	S	U	S	S	S	S	S	S	S		T	U	U	T		T	F	U	F	U	U	U		Nickel chloride	
S	S		S		S	S	F		F			S		S	S	S	S	T	S		T	T	F	F		T			U	U	U	U		Nickel nitrate		
S	S	S	S	U	S	S	F	T	U	F	F	S	U	S	S	S	S	S	S		F	U	T	F		T	F	U	F	T	T	T	U		Nickel sulfate	
U	T	T	U	U	U	T	U	U	U	S	U	U	T	S	T	T	T		T			U	T	S	U		U	U	F	U	U	U	T		Nitric acid with 40% H2O 493	
U	T	U	U	U	U	F	T	T	U	U	U	S	U	U		S	T	T	S	U	T	S	U	T	U		U	U	T	U	U	U			Nitric acid vapors	
U	U	U	U	U	U	U	U	U	U	U	S	U	U		S	T	S	U	T		T	U	T	T	U		U		F	U	U	U	T		Nitric acid (red burning)	
												U	U									U	U	U			U	U	U	U	U	U			Nitric + HCL acids	
												U										S	S	S			S			S					Nitriding gases	
U	F	U	U	U	U	T	U	U	U	S	S	U	S	U	U	S	S		S	U	T	S	S	S	S		F	U	F		T	F	F	T	Nitrobenzene	
U	T	U	U	U	U		U	F				U			S							F	F	F	U	U										

CODES:		S - SATISFACTORY		F - FAIR		U - UNSATISFACTORY		T - TEST FOR SPECIFIC APPLICATION																											
RESILIENT MATERIALS				PLASTICS				METALS																											
BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	NEOPRENE (CSM)	URETHANE (CR)	SILICONE	VITON (FPM/FKM)	BUTYL	FLUOROSILICONE	HYREL	CELCON	DELRIN	LEXAN	NYLON	POLYSULFONE	PVC	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYPHENYLENE SULFIDE	ULTEM	ST. ST. DIN 7 1433/1 4404	STEEL	ST. ST. AISI 304	ST. ST. DIN 1 4301/1 4301.1 4542	SILVER	49 NICKEL IRON	MONEL	LEAD	IRON	INCONEL	COPPER	BRONZE	BRASS	ALUMINUM		
T	U	T	S	U	S	U	T	S												S	S	S	S							F	S	S	S	Oronite hydraulic fluid	
F	S	T	F	T	F	U	F	T	U	U		S	S		S	S	T	S	T	T	U	T	T	F						T	F	T	T	Oxalic acid	
								U												T	T	T								T	T	T	F	Oxidizing gases	
U	T	T	S	T	T	S	F	T	F	U	U	T	T	T	T	U	U	S	T	S	S	S	S	F	S		S			S	S	S	S	Oxygen	
U	S	S	T	S	S	T	F	S	U	U	U		U	T	S	U	U	T		F	U	F	F	F									F	Ozone	
F		F	F	U	U						S	T	S	F						S	S		S							S	T	T		Paint, oil base	
T		T	T								S			S												S								Paint vehicles (except soya)	
S	U		U	T	T	S	U	T												S	S	S	S								S	T	S	Palm oil	
F	F	U	U	T	U	F	T	T	T			U	S		S	F	T			S	S	S	S	T	F				F	F	U	S		Palmitic acid	
S	U		U	F	T	S	U		F	F	S	S	S	S	S	T	U	T		S	S	S	S			S		S	S	S	S	S	S	Paraffin	
S		S	F	T	S			F							S	U				S		S	S				S		S	S	S	S	S	Paraffin oil	
S		S	F												S										T								S	Pencillin solution	
F	U	F	S	U	U	S	U	U	S						S	U		S		F	F	F	F	S	F	S				F	F	F	S	Pentane	
U	F	T	F	U	U	F	T	S	U	U	U		U	U	S	T	U	S	U	T	U	T	T		U		U		U	U	U	T		Perchloric acid	
U	U	U	U	U	U	S	U	T	U	F	F		T	U	U	S	U	T	U	U	F	F	F	F	S	F	T	F	S	F	F	F	T	Perchloroethylene 539	
S	U	T	T	T	S			S												S	S		S		S		S		S	S	S	S	S	Petroleum oils	
			S																																Petroleum residue from distillation
U	U	U	U	T	F	F	T	U	U	U	S	U	U	T	S	U		S	U	U	T	U	F	S	S		F	F	T	T	F	S	F	T	Phenol
S		F	F	F	F				U	U		T	U	U	S						S	S	S	S	S	S	S	S	S	S	S	S	S	F	Phosphate ester non-flammable oils
T	F	S	T	T	U	S	F	T	U	U	U	S	S	S	S	S	T	S	T	T	T	U	U	T	F		U	T	U	U	U	U	U	T	Phosphoric acid (aerated)
T	F	S	T	T	T	S	F	T	U	U	U	S	S	S	S	T	S	F	T		U	U	T	F		T	T	U	T	T	T	T	U	Phosphoric acid (air free)	
U								U				S	S	T						T	F	S		S	S	F		T	T	T	S			Phosphorous	
	F	T		S			U	U	S	U			S	S							U	U	T			U	U	U	U	U	U	U	U	U	Phosphoric acid vapors
	T	U	U	U	U			U																											Pickling solution
F	F	S	S	T	T	U	U	T	U	T	F	S	S	S	S	T	T				F	U	F	S	S		U	T	U	U	U	U	U	U	Picric acid
F	U	U	U	S	U	S	U	S			S			S							S		S		S		S			U		S		Pine oil	
S	S	U	F	U	U	F	U		F		T			S	T	T					F	S	F	F	S		F	S		F	F	F	U	Potassium acetate	
S	S		S	S	S			S			S		S	S							U	S			F	F	U		F					Potassium aluminum sulfate	
S	S	F	U	F	S	T	T	F			T	S	S	S	S						F	F	F	S		F	U	F		F	F	F	U	Potassium bicarbonate	
S	S		S	S	S	T		S			T	S									T	U		U	S		U	F	U	U	F	U	U	F	Potassium bisulfate
S	S		S	U	S	S	T	T	T			T	S	S	S	S	S	S	T		F	U	U	F	U		F	F	U	S	F	F	F	U	Potassium bromide
S	S		S	U	S	S	F	T	U	F	F	U	S	S	S	S	S	S	T		T	F	F	S	F		U	T	S	U	U	U	U	Potassium carbonate	
T	S		S	S	S	S		F	U	F	F	S	S	S	S	S	S	S			F	F	F	S	F		U		S	T	U	U	U	Potassium chloride	
S	S	S	S	S	S	S	F	T	T	S	F	F	U	F	S	S	S	S	T		F	T	T	T	U		F	U	T	F	F	T	U	Potassium chlorate	
S	S		T	T	S	S	T		U		S		S	S	S	S					F	T	F	F	F		F	F	F	S	F	S	F	F	Potassium chromates
S	S	S	S	S	S	S	S	T	U	U	F	S	F	S	S	S	S	S			F	S	S	S	U		F	U	T	F	U	U	U	Potassium cyanide	
S	S	S	S	S	S	S	S	F	T	T		T	S	S	S	S	S	S	T		T	F	F	S	F		F	F	S	F	F	F	F	Potassium dichromate	
U	T		T		S	T		S			T		S	S	S	S					T	U	U	F	U		F	F	U	T	F	F	S	Potassium ferricyanide	
S	S	S	F	U	T	T	F	U		S	F	F	F	F	S	S	T	F	T	U	S	T	T	F	S	F		F	U	T	S	T	T	U	Potassium hydroxide
F	S		F	T		U	U				T		S	U	U	S					T	T	U	U	U		U		U	U	U	U	U	Potassium hypochlorite	
S	S	S	S	S	S	S	T	F	F	F	S	F	S	F	S	S	S	S			T	F	F	F	T		F	F	T	F	F	F	F	Potassium nitrate	
U	S	S	S	U	S	S		U	S		U	S		S	S	S	S	S			F	F	S	U		F	U	F	F	F	F	F	F	Potassium permanganate	
							U														F	T	T	F	U		F	U	U		U	U	U	Potassium peroxide	
S	S		U	T		S	T		S		T			S	S	S					T	T	S	S	U		U	U	U		U	U	U	Potassium persulfate	
S	S	F	S	S	S	S	T	S	F	F	S		S	S	S	S	S	T			T	S	S	S	F		F	F	U	S	F	F	U	Potassium sulfate	
S	S		S	S	S	S					S			S	S	S	S				F	U	F	F	U		S		U	U	U	U	U	Potassium sulfide	
F	S	F	S	S	S	S	F	T				T			S	S	S				T	T	U	T	S		U	F	U		F	F	U	Potassium sulfite	
S	S	S	U	U	S	T	T	T	S		S			S							S		F	S	S		S			F	F	F	S	Prestone anti-freeze	
S	U	F	F	S	F	S		F	F	F			S	S							S													Producer gas	
S	U	S	U	U	S	U	T	T	S		S	U	S		S	U	U		U		S	S	S	S	S		S	S	S	S	S	S	S	Propane	
U	S		U	U	T	U	T		U					F							T	T		F	S		T	U	U		T	T	T	Propionic acid	
S	S	S	S		S	S		S					S		S						S	S	S	S		S		S	S	S	S	S	T	Propyl alcohol	
U	U		U	U	S	U	T						U	S	U	U					T	T	S	T		S		S	S	F	U			Propylene dichloride	
U	U		F	T	U	S	U	T				T		S	T		S				S	S	S	S	S	U	S	F	U	U	U	U	U	Pyranol (dielectric)	
U	T	U	U	F	S	T	U	U				T		S		U		U			S	S	S	S	S	S	S	S	S	F	S	S	F	Pydraul (mansanto)	
U	F	T	U	U	U	F	U	U	F	F	U	S	U	U	S	T	S				T	T	F	F		F	F	U		T	F	F	F	Pyridine	
	T			U			U														F	F	F					F			F	F	F	Pyrogalllic acid	
F	S	U	U	U									S																S					Pyrogard (mobil) 5%	
	F	U	U	U			U														T		F				T	U		T			F	Pyroligneous acid	
																																			(see Sodium thiosulfate)
U					F								S								S	S	S	S					S		S	S	S	Propylene	
S	S		U	T	T	S	U	T	S			U		S	S	F		T	S		F	T	S	S	S		F			F	S	F	S	F	Propylene glycol
F			S		S						F			S							T	F	F			S		T	S	F	F	F	F	Rosin emulsion	
F	T		F	U	T	F		F					S								T	T	F	F	F		F	F	T		F	F	F	F	Saccharin solution
F	S		U		S	S		U			S		S	S	S	F		F			F	U	F	F	S		F	F	U	F	F	F	T	Salicylic acid	
S	S	S	F	U	S	S	T	T	T	S	T	S	S	S	S	S	S				T	U	U	T		T		T	F	F	U	U	U	Sewage	

		CODES:		S - SATISFACTORY		F - FAIR		U - UNSATISFACTORY		T - TEST FOR SPECIFIC APPLICATION																										
		RESILIENT MATERIALS				PLASTICS				METALS																										
		BUNA N (NBR)	ETHYLENE PROPYLENE (EPDM)	HYDRA-ON (CSM)	NEOPRENE (CR)	URETHANE	SILICONE	VITON (FKM/FPKM)	BUTYL	FLUOROSILICONE	HYTREL	CELCON	DELNIN	LEXAN	NYLON	POLYSULFONE	PVC	TEFLON	POLYPROPYLENE	POLYETHYLENE	POLYCARBONATE	ULTEM	ST. ST. DIN 1.4435/1.4404	STEEL	ST. ST. AISI430	SILVER	49 - NICKEL-IRON	MONEL	LEAD	IRON	INCONEL	COPPER	BRONZE	BRASS	ALUMINUM	
S	S	S	S	S	S	U	S	S	S	T	S	S	S	T	S	S	S	S	T	S	S	S	S	S				F			T	U	U	U	Silicone oil	
						S	S									S	F	F		S	U	U	U		F			T	T	T	U	U	Silver bromide			
																S	F	F		S	U	U	U		F			T	T	T	U	U	Silver chloride 602			
U	S	S	U	S	S	S	S	F	T		F	F	F	S	F	S	S	S	S	S	T	U	F	S		U	U	U	S	U	U	U	U	Silver nitrate		
S		S	S	S	S	S				S	S	T	S	S	S	S	S				S	S	S		T	S	S		S	S	F	F	Soap (molten)			
U	F	U	U	U	T	U	T	U	U					T					U		T	S	S	S	S				U	U	S		Skydrol			
F	S					U				U	U	U			U	U					S	S	S	S		S			S	U	U	U	S	Sodium		
F	S	U	F	U	U	U	T	U		S			S	S	S	S	S	S	F		T	U	F	S	F	T	T	T	S	F	F	F	S	Sodium acetate		
S			S		S	S	T						S		S					S	T	F	S	T		S	U	S		S	F	U	U	Sodium aluminate		
S	S	S	S	T	S	S	F	T	T	F	U	U	S	S	S	S	S	S	S	S	T	T	F	F	T	F	F	T	F	F	T	F	U	Sodium bicarbonate		
													S		S	S						F	F	F					U	U	U	F	Sodium bichromate			
S	F		S	T	S	S	F	T	U	F	F	S	U	S	S	S	S	S	S	T		T	T	T	T	F	S	T	F	U	F	T	T	U	Sodium bisulfate	
S			S		S	S						S	S		S	S		S	S				U	S	S								Sodium bisulfate 10%			
S	S	S	S	T	S	S	F	T	T	U	U		S		S	S	S	S	S	T		T	U	T	T	F	S	F	F	U	T	F	F	U	T	Sodium bisulfite
S	S	S	S	T	S	S	F	T	T	S			S	S		S	F	S	S	T		F	T	F	F	T		F		T	F	T	T	U	Sodium borate	
S	T		T			T	T			S		F	S	S	F	S	S				T	U	U	T	U	F	U	F	T	T	T	T	S	Sodium bromide		
S	S		S	T	S	S	F	T	T	S	S	U	S	S	S	S	S	S	S		T	F	F	F	S	F	T	F	S	F	F	U	U	Sodium carbonate (soda ash)		
S	S	S	S	S	S	S	S	F	T	T	S	T		S	S	S	S	S	S	S	F	T	T	T	F		F	F	T	S	F	F	T	U	Sodium chloride	
S			T		S	S	T			U			S	S		S	S		S	S		F	F	F	F	F	F	F	F	T	F	F	F	F	Sodium chromate	
																S						T	T	F	F	U	F		U	F	U	T	U	Sodium citrate		
S	S	S	S	S	S	S	F	T	T	F	F	S	S	S	S	S	S	S	S		T	F	S	F	U	T	U	F	F	U	U	U	U	Sodium cyanide		
T	T	S	T	T	S	T	T	U				T		S	S	S	S	S	T		F	U	F	F		T			T	U	U	U	U	Sodium dichromate		
S	S		T		S	T				S			T	S	F	S	S				T	F	F	F	U			F		U	U	U	T	Sodium ferricyanide		
S	S		S	T	S	S	T			S			S		S	S	S	S			T	T	U	U	S	S	F	T	T	S	F	F	Sodium fluoride			
T	S	S	T	S	S	T	T	T	U	S	U	F	S	S	S	S	F	F	T	T	T	T	F	F	S	S	T	U	T	S	U	T	U	Sodium hydroxide (caustic soda)		
U	F	T	U	U	T	S	T	T	T	U	U		U	S	T	S	F	F	S	T		T	U	U	U	F		U	U	U	U	U	U	Sodium hypochlorite		
																S						U	U	F		S		F	U	U	U	U	Sodium hyposulfite			
S	S	F	F	T	T	S	T	T		F	F	S	T	F	F	S	T	T			S	U	F	F	S	T				F	F	U	U	Sodium metaphosphate		
S	S		S	T	S	S	F			F	F	S	F	S	S	F					S	F	F	F	S	F	F	S	F	F	F	T	Sodium metasilicate 563			
F	S	S	F	T	U	S	F		T	S	F	S	S	S	S	S	S	S			T	T	F	T	F	F	U	F	F	S	T	T	U	Sodium nitrate		
S	S		T		S	S	T			S			S	S	S	S	S				F	F	F	F	T	S	F	F	F	F	F	F	Sodium nitrite			
F	S	F	F	T	S	S	F	T	T	F	F	S	T	F	S	S	S	T			F	F	F	F	U	F	U	F	S	F	T	U	U	Sodium perborate		
T	S	S	T	U	U	S	S	T	T	U	U		T		S	S	F	F	S		S	U	T	F	U		F	U	F	S	U	U	U	Sodium peroxide		
																					S	U	S	S	S		S		T	T	U	U	Sodium phenolate			
S	S	S	F	S	U	S	T	T	T	F	F	S	U	S	S	F	S	S			F	F	F	F	S	F	F	T	F	F	F	U	Sodium phosphate			
F	S	S	U	S	T	S	T	T	T				T			S	S	S			F	F	F	F	F	F	U	F	S	F	T	T	U	Sodium phosphate (tri-basic)		
T			T		T	T							T								F	F	F	F		F	F	S					U	Sodium plumbite		
S			S		S		S			S			S			S					F	F	F	F		F								Sodium resinate 642		
																						F	U	F	F	T	F	F		T	T			Sodium salicylate		
S	S	S	S	F	S	S	T		T	S	S	S	S	S	S	S	S	S	S		S	T	F	F	F	F	F	U	F	S	F	F	U	Sodium silicate		
S	S	S	S	S	S	S	F	T	T	S	S	S	S	S	S	S	S	S	S	S		T	T	T	T	S	F	F	F	F	F	U	U	Sodium sulfate		
F	S	S	S	S	S	S	T	T	T	S	S	S	S	S	S	S	S	S	S	U		T	T	U	S	U	F	F	U	U	U	U	U	Sodium sulfide		
S	S	S	S	S	S					S	S	S	S	S	S	S						F	T	F		F	F	U	T	T	F	U	F	Sodium sulfite		
S	T		S	T	S	S	F		T	U	U		S	S		S	F	S	S	T		F	F	T	F		F	F	F	T	T	U	Sodium tetraborate			
F	S		T	T	F	S	F	T	T	T		T	S																			U	Sodium thiophosphate (aeroboat)			
F	S	S	S	S	S	S	F		T	T	S	S	U	S	S	S	S	F	S	S	S	U	T	F	U		F		F	U	U	U	F	Sodium thiosulfate		
S			S	S	S	S						S				S																		Solvac (socony)		
S	U	F	F	F	U	S	U	T				S				S																		Sovasol #1		
S	U	F	F	F	U	S	U	T				S				S																		Sovasol #2		
S	U	F	F	F	U	S	U	T				S				S																		Sovasol #3		
S	U	F	F	F	U	S	U	T				S				S																		Sovasol #73		
S	U	F	F	F	U	S	U	T				S				S																		Sovasol #74		
S	S	U	U	T	T	S	F	T	T	F		S	U	S	S	S	S	S			T	T	U	U	T		T		U	U	U	U	U	Stannic chloride		
F	U	S	S	U	F	T	T	T	F				U			S	S	F	T	T		T	T	U	U		T	U	T	F	U	U	U	Stannous chloride		
S	F	S	S	T	S	S		T	F	F	S	S	S	S	S	S	S	F	S			S	S	F	S	S	S	T	S	T		S	Starch			
U	T	U	U	U	U	T	T	U	U	U	U	U	U	T	U	T	U	U	T	U		S	F	S	S	F	F	F	S	F	S	F	T	Steam		
S	S		S	U	U	U	U	U	T																	F					S			Steam condensate 663		
F	F		S	T	S	T	T	U	T	F			S	U	S	S	S	S	F		T	T	T	T	S	S	F	U	U		U	U	U	Stearic acid		
S	U	U	F	S	U	S							S	U		S		S				S	S							S	S			Stoddards solvent		

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