

Chemical Name	Mach Sheet UHMPE		
	70°	122°	170°
Acetate Solvents Pure	1	1	NR
Acetaldehyde	2	3	NR
Acetamide	*	*	*
Acetic Solvents Crude	*	*	*
Acetic Solvents Pure	*	*	*
Acetic Acid 10%	1	2	NR
Acetic Acid 20%	1	2	NR
Acetic Acid 50%	1	2	NR
Acetic Acid 80%	1	2	NR
Acetic Acid Glacial	1	2	NR
Acetic Anhydride	1	1	NR
Acetone	1	1	NR
Acetophenone	3	3	*
Acetyl Chloride	*	*	*
Acetylene	*	*	*
Acrylonitrile	*	*	*
Adipic Acid	*	*	*
Alcohol Allyl	1	NR	NR
Alcohol Amyl	1	NR	NR
Alcohol Butyl	1	1	1
Alcohol Ethyl	1	1	1
Alcohol Methyl	*	*	*
Alcohol Propyl	*	*	*
Allyl Chloride	1	3	*
Alum	1	1	*
Alum Ammonium	*	*	*
Alum Chrome	*	*	*
Alum Potassium	*	*	*
Aluminum Chloride	1	1	BNR
Aluminum Fluoride	1	1	*
Aluminum Hydroxide	1	1	*
Aluminum Nitrate	*	*	*
Aluminum Sulfate	1	1	BNR
Ammonia Anhydrous	1	1	*
Ammonia Aqueous	1	1	*
Ammonium Bifluoride	*	*	*
Ammonium Carbonate	1	*	*
Ammonium Chloride	1	1	BNR
Ammonium Fluoride 10%	*	*	*
Ammonium Fluoride 25%	*	*	*
Ammonium Hydroxide	1	1	*
Ammonium Metaphosphate	*	*	*
Ammonium Nitrate	1	1	1
Ammonium Persulfate	1	1	*
Ammonium Phosphate	1	*	*
Ammonium Sulfate	1	1	BNR
Ammonium Sulfide	*	*	*
Amyl Acetate	1	*	*

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NR. Not recommended. >50% loss in property values.
BNR. Boiling Not recommended



Chemical Name	Mach Sheet UHMPE		
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Amyl Chloride	NR	NR	NR
Aniline	1	2	3
Aniline Hydrochloride	*	*	*
Antimony Trichloride	1	*	*
Aqua Regia	2	3	NR
Arsenic Acid	1	*	*
Barium Carbonate	*	*	*
Barium Chloride	1	*	*
Barium Hydroxide	1	1	*
Barium Sulfate	1	*	*
Barium Sulfide	1	1	*
Beer	1	1	1
Beet Sugar Liquors	*	*	*
Benzaldehyde	1	*	*
Benzene	3	NR	*
Benzene Sulfonic Acid	1	1	*
Benzoic Acid	1	1	*
Benzyl Alcohol	1	1	1
Benzyl Chloride	*	*	*
Bismuth Carbonate	*	*	*
Borax	1	1	*
Boric Acid	1	1	*
Bromine Liquid	*	*	*
Bromine Water	3	*	*
Butadiene	3	NR	NR
Butane	1	*	*
Butyl Acetate	1	*	*
Butyl Alcohol	1	1	1
Butylene	1	*	*
Butyl Phenol	*	*	*
Butyne Diol	*	*	*
Butyric Acid	1	2	*
Butyl Amine	*	*	*
Butyl Ether	*	*	*
Butyl Chloride	*	*	*
Butyl Phthalate	1	*	*
Calcium Bisulfide	*	*	*
Calcium Bisulfite	1	*	*
Calcium Carbonate	*	*	*
Calcium Chlorate	*	*	*
Calcium Chloride	1	1	1
Calcium Hydroxide	1	1	BNR
Calcium Hypochlorite	1	1	BNR
Calcium Nitrate	*	*	*
Calcium Sulfate	1	1	*
Carbolic Acid	1	*	*
Carbon Dioxide	1	1	*
Carbon Disulfide	NR	*	*

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Carbon Monoxide	*	*	*
Carbon Tetrachloride	3	*	*
Castor Oil	*	*	*
Caustic Potash	1	1	*
Caustic Soda	1	1	1
Cellosolves	*	*	*
Chloral Hydrate	*	*	*
Chloric Acid	*	*	*
Chlorinated Water	1	1	*
Chlorine Dry	2	*	*
Chlorine Wet	2	2	*
Chloroacetic Acid	NR	*	*
Chlorobenzene	2	NR	*
Chloroform	2	NR	NR
Chlorosulfonic Acid	NR	*	*
Chrome Alum	*	*	*
Chromic Acid 10%	1	1	BNR
Chromic Acid 30%	1	1	BNR
Chromic Acid 40%	1	1	BNR
Chromic Acid 50%	1	1	BNR
Citric Acid	1	1	3
Coconut Oil	*	*	*
Copper Carbonate	*	*	*
Copper Chloride	1	*	*
Copper Cyanide	1	*	*
Copper Fluoride	*	*	*
Copper Nitrate	1	*	*
Copper Sulfate	1	1	*
Cottonseed Oil	1	2	*
Cresol	*	*	*
Cresylic Acid	1	*	*
Croton Aldehyde	1	1	*
Crude Oil	1	2	*
Cydlohexane	1	1	*
Cyclohexanol	1	1	1
Cyclohexanone	1	*	*
Detergent	1	1	1
Dextrin	*	*	*
Dextrose	1	*	*
Diacetone Alcohol	*	*	*
Diazo Salts	1	1	*
Dibutyl Phthalate	1	1	*
Dichlorobenzene	*	*	*
Dichlorodifluoro Methane	*	*	*
Dichlorethylene	NR	*	*
Dichloroethane	3	*	BNR
Diesel Fuel	1	1	NR
Diethylamine	*	*	*

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Diethylene Glycol	*	*	*
Diethyl Cellosolve	*	*	*
Diethyl Ether	1	*	*
Diglycolic Acid	*	*	*
Dimethylamine	*	*	*
Dimethyl Formamide	1	*	*
Dimethyl Sulfoxide	*	*	*
Diethyl Phthalate	*	*	*
Dioxane 1,4	*	*	*
Dipropylene Glycol	*	*	*
Distilled Water	1	1	1
Dizynibenzene	*	*	*
Epichlorohydrin	*	*	*
Ethane	1	*	*
Ethanolamine	*	*	*
Ethers	2	*	*
Ethyl Acetate	1	1	mx. 140
Ethyl Acetoacetate	*	*	*
Ethyl Acrylate	*	*	*
Ethyl Alcohol	*	*	*
Ethyl Benzene	1	*	*
Ethyl Benzoate	*	*	*
Ethyl Butyrate	*	*	*
Ethyl Chloride	*	*	*
Ethyl Ether	NR	*	*
Ethyl Sulfate	*	*	*
Ethylene Bromide	*	*	*
Ethylene Chloride	2	NR	*
Ethylene Chlorohydrine	*	*	*
Ethylene Diamine	1	*	*
Ethylene Dibromide	*	*	*
Ethylene Dichloride	3	*	*
Ethylene Glycol	1	1	1
Ethylene Oxide	1	3	*
Fatty Acids	1	1	*
Ferric Chloride (concentrate)	1	1	BNR
Ferric Nitrate	1	*	*
Ferric Sulfate	1	*	*
Ferrous Chloride	1	*	*
Ferrous Sulfate	1	*	*
Fish Solubles	1	1	1
Fluoboric Acid	1	1	*

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