

IM-KOTE 735 FINISH**CHEMICAL RESISTANCE GUIDE**

Chemical Agent	Concentration	Temperature °C/ Temperature °F	Chemical Agent	Concentration	Temperature °C/ Temperature °F
Acetic acid	10	99/210	Ethylene Glycol	All	100/212
Acetic Acid	50	70/158	Fatty Acids	All	100/212
Acetone	10	82/179	Ferric Chloride	All	100/212
Acrylic Acid	25	38/100	Ferric Nitrate	All	100/212
Alum	All	100/212	Ferric Sulfate	All	100/212
Aluminum Chloride	All	100/212	Ferrous Chloride	All	100/212
Aluminum Sulfate	All	100/212	Fertilizer URAN		49/120
Ammonia	All	93/199	Fluoboric Acid	10	100/212
Ammonium Chloride	All	99/210.2	Fluosilicic Acid	10	65/149
Ammonium Hydroxide	1	93/199	Fluosilicic Acid	35	38/100
Ammonium Hydroxide	5	82/180	Fluosilicic Acid	Fumes	82/180
Ammonium Hydroxide	10	77/170	Formaldehyde	25-56	66/151
Ammonium Hydroxide	20	66/150	Formic Acid	10	65/149
Ammonium Hydroxide	29	38/100	Formic Acid	50	43/109
Ammonium Nitrate	All	100/212	Fuel Oil	100	99/210
Ammonium Phosphate	All	99/210	Gasoline - Regular Leaded	100	43/109
Amyl Alcohol	All	99/210	Glycerine	100	100/212
Beer		50/122	Green Liquor (pulp mill)		99/210
Beet Sugar Liquor	All	82/179	Heptane	100	99/210
Benzene Sulfonic Acid	30	99/210	Hexane	100	66/151
Benzoic Acid	All	100/212	Hydraulic Fluid	100	82/180
Black Liquor (pulp mill)	All	99/210	Hydrobromic Acid	18	99/210
Boric Acid	All	100/212	Hydrobromic Acid	48	77/171
Brake Fluid		43/109	Hydrochloric Acid	10	99/210
Brine	All	115/239	Hydrochloric Acid	15	99/210
Brown Stock (pulp mill)		82/180	Hydrochloric Acid	25	66/151
Bunker C Fuel Oil	100	99/210	Hydrochloric Acid	37	43/109
Butyl Cellosolve	100	49/120	Hydrocyanic Acid	10	99/210
Calcium Chloride	Sat'd	100/212	Hydrofluoric Acid	1	52/126
Calcium Hydroxide	All	99/210	Hydrofluoric Acid	10	52/126
Calcium Hypochlorite	All	99/210	Hydrofluoric Acid	20	38/100
Cane Sugar Liquor	All	82/179	Hydrofluosilicic Acid	10	66/151
Capric Acid	All	71/159	Hydrofluosilicic Acid	35	50/122
Caprylic Acid (Octanoic)	All	99/210	Hydrogen Chloride-dry gas	100	100/212
Carbon Dioxide Gas		176/349	Hydrogen Peroxide	5	66/151
Carbon Tetrachloride	100	38/100	Hydrogen Peroxide	30	38/100
Chlorinated Pulp		93/199	Hydrogen Sulfide	All	99/210
Chlorinated Waxes	All	82/180	Hydrogen Sulfide, gas	All	115/239
Chlorinated Gas		99/210	Isobutyl Alcohol	All	52/126
Chlorine Dioxide	Sat'd	71/160	Isopropyl Alcohol	All	50/122
Chlorine Water	All	99/210	Jet Fuel		99/210
Chlorite	50	43/109	Kerosene	100	99/210
Chloroacetic Acid	25	82/1800	Lactic Acid	All	100/212
Chloroacetic Acid	50	65/149	Lead Acetate	All	100/212
Chrome Plating Solution		54/129	Levulinic Acid	All	99/210
Chromic Acid	5	43/109	Lime Slurry	All	99/210
Crude Oil, sour or sweet	100	99/210	Magnesium Chloride	All	100/212
Detergents, Organic	100	82/180	Magnesium Sulfate	All	99/210
Detergents Sulfonated	All	99/210	Maleic Acid	All	99/210
Diesel Fuel	All	99/210	Methyl Alcohol (methanol)	100	27/81
Diethylene Glycol	100	100/212	Milk & Milk Products	All	99/210
Embalming Fluid	All	43/110	Mineral Oils	100	100/212
Epoxydized Soya Bean Oil	All	93/199	Motor Oil	100	99/210
Esters of Fatty Acids	100	82/180	Naphthalene	All	100/212
Ethyl Alcohol (Ethanol)	10	60/140	Nickel Chloride	All	100/212
Ethyl Alcohol (Ethanol)	95-100	49/120	Nickel Nitrate	All	100/212
			Nickel Sulfate	All	100/212

Chemical Agent	Concentration %	Temperature °C/ Temperature °F	Chemical Agent	Concentration %	Temperature °C/ Temperature °F
Nickel Sulfate	All	100/212	Sodium Ferricyanide	All	100/212
Nitric Acid	5	79/174	Sodium Hydroxide	1	99/210
Nitric Acid	15	66/151	Sodium Hydroxide	5	71/160
Nitric Acid	35	60/140	Sodium Hydroxide	25	71/160
Nitric Acid	50	43/109	Sodium Hydroxide	50	99/210
Oleic Acid	All	100/212	Sodium Hypochlorite	15	52/126
Oxalic Acid	100	100/212	Sodium Silicate	100	93/199
Paper Mill Effluent	100	65/149	Sodium Sulfide	All	100/212
Perchloroethylene	100	38/100	Sodium Sulfite	All	100/212
Perchloric Acid	30	38/100	Stannic Chloride	All	100/212
Phenol (Carbonic Acid)	5	43/109	Stannous Chloride	All	100/212
Phosphoric Acid	80	99/210	Stearic Acid	All	100/212
Phosphoric Acid Vapor		99/210	Sulphite/Sulphate Liquors		99/210
Phthalic Acid	100	99/210	Sulfonated Animal Fats	100	82/180
Plating Solutions	All	99/210	Sulfur Dioxide wet or dry		121/250
Polyphosphoric Acid	115	99/210	Sulfur Molten		121/250
Potassium Chloride	All	100/212	Sulfuric Acid	25	100/212
Potassium Dichromate	All	100/212	Sulfuric Acid	50	100/212
Potassium Ferricyanide	All	100/212	Sulfuric Acid	70	82/180
Potassium Hydroxide	10	66/151	Sulfuric Acid	75	49/120
Potassium Hydroxide	25	60/140	Sulfuric Acid	fumes	100/212
Potassium Nitrate	All	100/212	Superphosphoric Acid	105	99/210
Potassium Permanganate	All	99/210	Tannic Acid	All	100/212
Propylene Glycol	All	100/212	Tartaric Acid	All	100/212
Sea Water		115/239	Trichloroacetic Acid	50	100/212
Sodium Acetate	All	100/212	Turpentine		66/151
Sodium Carbonate	10	82/180	Urea	All	77/171
Sodium Carbonate	35	71/160	Vegetable Oils	All	100/212
Sodium Chloride	All	100/212	Water, Deionized	All	99/210
Sodium Chlorite	10	71/160	Water, Demineralized		99/210
Sodium Chlorite	50	43/109	Zinc Chloride	All	99/210
Sodium Cyanide	5	100/212	Zinc Cyanide	All	82/180

IMCO TECHNOLOGIES INC..

350 Wentworth St N., Hamilton, On Ph (905)546-5225 Fax (905)546-8476

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