

Chemical	Chemical Class	Swelling (0-2)	Visible Degradation (0-2)	Rating
Acetone	Ketones	0	0	Good
Acetonitrile	Nitriles	0	0	Good
Aluminum Salts	Aluminum Compounds Hydroxylic	0	0	Good
Ammonium Hydroxide	Inorganic Base	0	0	Good
Barium Salts	Barium Compounds	0	0	Good
Benzyl Alcohol	Hydroxyl Compounds	0	0	Good
Bleach Solution	Inorganic Bases	0	0	Good
Boric Acid	Inorganic Acids	0	0	Good
Butanol	Hydroxyl Compounds	0	0	Good
Calcium Chlorite	Calcium Compounds	0	0	Good
Carbon Disulfide	Sulfur Compounds	0	0	Good
Carbon Tetrachloride	Halogen Compounds	0	0	Good
Chloroform	Halogen Compounds	0	0	Good
Cupric Chloride	Copper Compounds	0	0	Good
Cyclohexanone	Ketones	0	0	Good
Dichloromethane	Halogen Compounds	0	0	Good
Diethylamine	Amines	0	0	Good
Dimethylformamide	Amides	0	0	Good
Ethyl Acetate	Carboxylic Esters	0	0	Good
Formaldehyde	Aldehydes	0	0	Good
Gasoline	Aromatic Hydrocarbons	0	0	Good
Glycol Ether	Ethers	0	0	Good
Hexane	Aliphatic Hydrocarbons	0	0	Good
Hydrochloric Acid (37%)	Inorganic Acids	0	0	Good *
Hydrogen Peroxide(30%)	Peroxides	0	0	Good
Hydrofluoric Acid (48%)	Inorganic Acids	0	0	Good *
Isopropanol	Hydroxyl Compounds	0	0	Good
Jet Fuel (JP-5)	Hydrocarbons	0	0	Good
Kerosene	Hydrocarbons	0	0	Good
Methanol	Hydroxyl Compounds	0	0	Good
Methyl Ethyl Ketone	Ketones	0	0	Good
Mineral Oil	Alicyclic Hydrocarbons	0	0	Good
Mineral Spirits	Hydrocarbon	0	0	Good
Naphtha	Hydrocarbons	0	0	Good
Nitric Acid (70%)	Inorganic Acids	0	0	Good *
Nitrobenzene	Nitro Compounds	0	0	Good
Perchloroethylene	Halogen Compounds	0	0	Good
Phenol	Hydroxyl Compounds (Phenols)	0	0	Good
Potassium Hydroxide 50%	Inorganic Bases	0	0	Good **
Propylene Glycol	Hydroxyl Compounds	0	0	Good
Sodium Hydroxide (20%)	Inorganic Bases	0	0	Good *
Sodium Hydroxide (30%)	Inorganic Bases	0	0	Good *
Sodium Hydroxide (40%)	Inorganic Bases	0	0	Good **
Sodium Hydroxide (50%)	Inorganic Bases	0	0	Good **
Styrene	Aromatic Organic	0	0	Good
Sulfuric Acid (50%)	Inorganic Acids	0	0	Good *
Sulfuric Acid (98%)	Inorganic Acids	0	0	Good **
Tetrachloroethylene	Halogen Compounds	0	0	Good
Tetrahydrofuran	Ethers	0	0	Good
Thionyl Chloride	Chloride Compounds	0	0	Good
Toluene	Aromatic Hydrocarbons	0	0	Good
1, 1, 1-Trichloroethane	Halogen Compounds	0	0	Good
Trichloroethylene	Halogen Compounds	0	0	Good
Triethylamine	Amines	0	0	Good
Turpentine	Hydrocarbons	0	0	Good
Water	Misc.	0	0	Good

**KEY:**

Swelling (Visually rated from 0-2): 0 = None, 1 = Slight, 2 = Significant

Degradation (Visually rated from 0-2): 0 = None, 1 = Slight, 2 = Significant

\* Liquid may be slow to absorb

\*\* Liquid may not absorb

**RATINGS:**

Good: No swelling, no degradation

Fair: Temperature increase and/or color change

NR (Not recommended): Significant degradation or swelling