



# Chemical Resistance Reference Chart

Medicom's SafeTouch and SafeBasics gloves are intended for use as protection against incidental exposure to chemicals and other harmful substances. This chemical resistance reference chart is to be used as a guideline only.

Since one glove type does not work well in all situations, users are advised to verify that the glove selected is adequate for the intended use as well as consider differences in material thickness, nature of the substances and concentrations to be encountered, temperature and duration of exposure to chemicals.

It is highly recommended to read instructions and warnings on chemical container labels and safety data sheets before working with any chemical. Recommended gloves types are often indicated in the section for personal protective equipment.



CHEMICAL NAME	NITRILE	LATEX
Acetaldehyde*	●	●
Acetic Acid	●	●
Acetone*	●	●
Acetonitrile	●	●
Acylic acid	●	●
Ammonia (Anhydrous)	●	●
Ammonium Hydroxide (30%)	●	●
Amyl Acetate*	●	●
Aniline	●	●
Antifreeze	●	●
Benzaldehyde*	●	●
Benzene*	●	●
Bromine	●	●
Butyl Acetate	●	●
Butyl Alcohol	●	●
Calcium Hydroxide	●	●
Carbon Disulfide	●	●
Carbon Tetrachloride*	●	●
Carmustine	●	●
Castor Oil	●	●
Chloroform	●	●
Chloronaphthalenes	●	●
Chromic Acid (50%)	●	●
Citric Acid (10%)	●	●
Cyclohexane	●	●
Cyclohexanol	●	●
Diacetone Alcohol	●	●
Dibutyl phthalate*	●	●
Di-Isobutyl Ketone (DIBK)	●	●
Diocetyl Phthalate (DOP)	●	●
Dioxane	●	●
Ethanol	●	●
Ethyl Acetate*	●	●
Ethyl Alcohol	●	●



**CHEMICAL RATING KEY** ● VERY GOOD ● GOOD ● FAIR ● NOT RECOMMENDED ● N/A

The following Chemical Resistance chart is offered to provide general advisory information for broadly recognized chemical resistance characteristics of gloves to a given chemical agent. The chemical resistance ratings are based on published research data and the general information within in no way warrants the performance of any type of glove. Should information be required concerning Medicom gloves our Customer Service Team is available to assist.

# Chemical Resistance Reference Chart

CHEMICAL NAME	NITRILE	LATEX
Ethylene Dichloride	●	●
Ethylene Glycerol	●	●
Ethylene Glycol	●	●
Ethylene Oxide	●	●
Formaldehyde	●	●
Formalin Solution (40%)	●	●
Formic Acid	●	●
Gasoline	●	●
gluteraldehyde (50%)	●	●
Glycerin	●	●
Heptane	●	●
Hexane	●	●
Hydrazine (65%)	●	●
Hydrochloric Acid	●	●
Hydrofluoric Acid (48)	●	●
Hydrogen Peroxide (30%)	●	●
Hydroquinone	●	●
Isobutyl Alcohol	●	●
Iso-Octane	●	●
Isopropyl Alcohol	●	●
Kerosene	●	●
Ketone	●	●
Lactic Acid (85%)	●	●
Lauric acid (36%)	●	●
Linoleic Acid	●	●
Linseed Oil	●	●
Maleic Acid	●	●
Methanol	●	●
Methyl Acetate	●	●
Methyl Alcohol	●	●
Methyl Ethyl Ketone (MEK)*	●	●
Methyl Isobutyl Ketone*	●	●
Methyl Methacrylate	●	●

CHEMICAL NAME	NITRILE	LATEX
Methylamine	●	●
Mineral Oil	●	●
Monoethanolamine	●	●
Morpholine	●	●
Napthalene	●	●
Nitric Acid*	●	●
Nitromethane (95.5%)*	●	●
Nitropropane (95.5)	●	●
Octyl Alcohol	●	●
Oleic Acid	●	●
Oxalic Acid	●	●
Palmitic Acid	●	●
Pentachlorophenol	●	●
Pentane	●	●
Perchloric Acid (60%)	●	●
perchloroethylene	●	●
Phenol	●	●
Phosphoric Acid (85%)	●	●
Potassium Hydroxide	●	●
Propyl Acetate	●	●
Propyl Alcohol	●	●
Sodium Hydroxide	●	●
Sulfuric Acid	●	●
Tannic Acid (65%)	●	●
Toluene	●	●
Toluene Di-Isocyanate (TDI)	●	●
Trichloroethylene (TCE)*	●	●
Trichlorotrifluoroethane	●	●
Triethanolamine (85%) (TEA)	●	●
Tung Oil	●	●
Turpentine	●	●
Vegetable Oil	●	●
Xylene*	●	●

**CHEMICAL RATING KEY** ● VERY GOOD ● GOOD ● FAIR ● NOT RECOMMENDED ● N/A