Chemical Compatibility Guide for:

Disposable Latex Response Boots

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HYDROCARBONS OILS & SOLVENTS	NATURAL RUBBER
ASTM #1 Oil	P
ASTM #3 Oil	P
Benzene	P
Benzyl Chloride	P
Butane	P
Carbon Tetrachloride	P
Castor Oil	G
Chloroform	P
Coconut Oil	P
Cottonseed Oil	P
Cutting Oil	P
Cyclohexane	P
Gasoline (cracked)	P
Gasoline (SR)	P
Grease (all kinds)	P
Hexane	P
Hydraulic Oil	P
Isooctane	P
Kerosene (C-T)	P
Kerosene (PET)	P
Lard Oil (158°F.)	P
Linseed Oil	P
Methyl Cellosolve	P
Methyl Chloride	P
Methylene Chloride	P
Mineral Oil	P
Naphtha	P
Nitrobenzene	P
Olive Oil	P
Perchloroethylene	P
Petroleum Oil	P
Petroleum Solvent	P
Pine Oil	P
Propane	P
Toluene (toluol)	P
Trichloroethylene	P
Turpentine	P
Vegetable Oil	P
Xylene	P
Coal Tar Solvent	P
Beef Tallow (158°F.)	P

KETONES AND ALDEHYDES	NATURAL RUBBER
Acetone	G
Acetaldehyde	G
Benzaldehyde	F
Butyraldehyde	P
Chloroacetone	P
Formaldehyde	G
Furfural	P
Methyl Ethyl Ketone	F
ALCOHOLS	
Amyl Alcohol	G
Benzyl Alcohol	P
Butyl Alcohol	E
Diacetone Alcohol	P
Diethanolamine	G
Ethylene Glycol	E
Ethyl Alcohol	E
Glycerine	G
Methyl Alcohol	E
Octyl Alcohol	G
Propyl Alcohol	E
Triethanolamine	G
ORGANIC ACIDS	
Acetic Acid	G
Carbolic Acid (phenol)	P
Citric Acid	E
Formic Acid	G
Lactic Acid	G
Malic Acid	G
Oleic Acid	P
Stearic Acid	F
Tannic Acid	E
INORGANIC ACIDS	
Carbonic Acid	E
Chlorine Water 10%	F
Hydrobromic Acid	G
Hydrochloric Acid 38%	G
Hydrofluoric Acid 48-52%	F
Hydrogen Sulfide	P
Nitric Acid 10%	F
Nitric Acid 70%	P
Perchloric Acid	F
Phosphoric Acid (conc.)	F
Sulfuric Acid 50%	F
Sulfuric Acid 93-98%	P

SALTS, ALKALIES	NATURAL RUBBER
Ammonium Hydroxide	E
Ammonium Sulfate	G
Calcium Chloride	E
Calcium Hypochlorite	F
Potassium Hydroxide	G
Copper Chloride	E
Copper Sulfate	G
Ferric Chloride	E
Potassium Dichromate	G
Sodium Hydroxide	G
ORGANIC ESTERS	
Amyl Acetate	F
Butyl Acetate	P
Dibutyl Phthalate	P
Ethyl Acetate	P
Ethyl Formate	P
Methyl Acetate	F
Propyl Acetate	P
Tricresyl Phosphate	F
Zinc Acetate 10%	F
MISCELLANEOUS	
Acrylonitrile	P
Aniline	F
Battery Acid	F
Butter (158°F.)	P
Buttermilk	P
Carbon Disulfide	P
Chlorophenol	P
Chlorobenzene	P
Clorox	P
Cresol	P
Dichlorobenzene	P
Dibenzyl Ether	P
Ethyl Ether	P
Hydrazine	F
Hydrogen Peroxide 30%	F
Milk	G
Monoethanolamine	G
Morpholine	P
Paint Remover	P
Soaps	G
Tetrahydrofuran	P

Key to Degradation Chart	
E	**Excellent**
G	**Good**
F	**Fair**
P	**Poor**

Actual applications and conditions vary from laboratory testing, and therefore the information contained should be used as a guide only. Users are advised to conduct their own evaluations to determine the suitability of the protective footwear for each specific application.

The chemical resistance data pertains to natural rubber latex booties or natural rubber overshoes.