

June 2009

BOMANITE VITRAFINISH GENERAL CHEMICAL RESISTANCE TABLES

Concrete treated with Bomanite VitraFinish will resist chemical attack from the following compounds much more effectively. Extreme or prolonged exposures, especially to acids, may eventually cause some damage to concrete

<u>Acids</u>

Acetic acid <10% Acid waters pH<6.5

Boric acid

Carbolic

Carbonic

Chromic 5%

Formic 10% & 90%

Humic

Hydrochloric 10%

Phosphoric 10% & 85%

Tannic

Salts

Sodium bromide Sodium dichromate

Nitrate

Nitrite

Persulfate

Sodium sulfite

Sodium chloride-NaCl

Sodium thiosulfate

Petroleum Oils

Light oil above 35 Baume

Vegetable Oils

Fats and Fatty Acids

Coal Tar Distillates

Solvents and Alcohols

Carbon tetrachloride

Methyl alcohol

T-butyl alcohol

Trichloroethylene

Acetone

Carbon disulfide

Glycerine

Ethyl alcohol

Miscellaneous

Cold ashes

Buttermilk

Chlorine gas

Molasses

Nickel-plating solutions

Ores

Cider

Coal

Corn syrup

Fermenting fruits or vegetables extracts

Formaldehyde

Hydrogen sulfide

lodine

Lignite oils

Manure

Mine water, waste

Sauerkraut

Seawater

Sugar

Sulfite liquor

Sulfur dioxide

Tanning bark

Tanning liquor

Water (soft <75 ppm carbonate)

Wine