



Chemical Resistance / *americancrete*

The following list of chemicals are those which will not deteriorate *americancrete* flooring at a service temperature of 20oC provided that the floor is subject to reasonable housekeeping standards and any spillage is washed down within 48 hours. Where volatile, aggressive solvents are included, it is assumed that the spillage will either evaporate or be washed down within one hour. The data does not apply to total or partial immersion.

STAINING

americancrete flooring will not suffer any physical deterioration or loss of properties from chemical stains or discoloration.

MECHANICAL DAMAGE

Although the following chemicals will not deteriorate the basic resin system, flooring less than 1/8 inch thick is susceptible to damage from abrasion and impact damage. *americancrete* HF should be specified if continual protection from chemical spillage and heavy duty use is required.

Acetaldehyde	Coconut oil	Formaldehyde 40%
Acetic Acid 25%	Cod Liver Oil	Formic acid 50%
Acetic Anhydride	Copper sulphate saturated	Formalin
Acetone	Cotton seed oil	Glycerol
Acetonitrile	Creosote	Grape Juice
Acetyl Chloride	Crude Oil	Groundnut Oil
Acrolein	Cyclohexane	Heptane
Acrylic Acid	Cyclohexanone	Hexane
Acrylic methyl ester	Decanol	Hexylene glycol
Adipic Acid	Deionized water	Hydrochloric acid 36%
Aluminum sulphate 50%	Diacetone alcohol	Hydrogen peroxide 20%
Ammonium hydroxide 28%	Dibutyl phthalate	Iso amyl acetate
Ammonium chloride 40%	Dichlorobenzene	Iso amyl alcohol
Ammonium nitrate 50%	Dichloropropane	Iso butanol
Ammonium Sulphate 50%	Dicyclopentadiene	Iso butyl acetate
Amyl Acetate (mixed isomers)	Diethylene glycol	Iso octanol
Aniline	Diesel Oil	Iso Pentane
Antifreeze	Diethanolamine	Isoprene
Aromasol H	Diethylether	Iso propanol
Beer	Di-isobutyl ketone	Kerosene
Bezoic Acid	Dimethylamine 40%	Lactic acid 90%
Benzoyl Chloride	Di-octyl phthalate	Lime Juice
Blood Boric acid saturated	Dioxan	Linseed fatty acid
Brake Fluid	Dipentene	Linseed Oil
Brine (saturated)	Di-propylene glycol	Maleic acid 30%
Butanol	Dishwashing detergent	Methanol
Calcium chloride 50%	Ethanol	Methyl acetate
Calcium hypochlorite	Ethyl glycol	Methyl acrylate
Calcium carbonate saturated	Ethylene glycol	Methyl methacrylate
Calcium hydroxide saturated	Ethyl glycol acetate	Milk
Caprolactum	Ethylene glycol monobutyl ether	Mineral oil
Carbon tetrachloride	Ethylene glycol monobutyl ether acetate	Molasses
Castor Oil	Ethylene glycol monoethyl ether acetate	Motor Oil
Chicken fats	2 ethyl hexanol	Naphtha (petroleum)
Chlorinated paraffin	2 ethyl hexyl acrylate	Naphtha (solvent)
Chronic acid 20%	Fish oil	Naphthenic acid
Citric acid 60%		N-butanol
Coconut fatty acid		N-butyl acetate

N heptanol
N hexanol
Nitric acid 30%
Nonyl phenol
N-pentane
Octanol
Oleic acid 100%
Palm kernel oil
Paraffin
Paraffin wax
Pentane (mixed isomers)
Perchloroethylene
Perchloric acid 50%
Photographic developer solution 10%
Pine oil
Polypropylene glycol
Potassium dichromate 20% Saturated
Potassium hydroxide solution 50%
Pyridine
Pyridine bases
Seawater
Sec-butanol
Shell Rotella Oil
Shellsol A

Shellsol T
Silicone Oil
Soap Solution
Soda Solution (saturated)
Sodium Chloride (saturated solution)
Sodium dichromate 33% aq. Sol'n @
20oC
Sodium Bicarbonate (aq)
Sodium hydroxide 50%
Sodium hypochlorite 15%
Sodium nitrate 20% @ 20oC
Solvesso 150
Soya bean oil
Stannic chloride
Stearic Acid
Strylene
Sugar Solution 30% @ 20oC
Sunflower seed oil
Sulphuric acid 20%
Styrene
Sugar Solution 30% @ 20oC
Sunflower seed oil
Tall oil
Tall oil fatty acid

Tallow
Tartaric acid saturated
Tartaric solution 5%
Teepol
Tert-butanol
Tetrachloroethylene
Toluene
Toluene di-isocyanate
Tributyl citrate
I,I,I, -trichloroethane
Tricresyl phosphate
Triethanolamine
Triethylene glycol
Triolyl phosphate
Turpentine
Urea 30%
Vegetable juice
Vegetable Oil
Whiskey
White Spirit
White wine
Wine
Xylene (mixed isomers)