Veralite® - Chemical resistance

Chemical resistance for most of the plastics is poor, a lot of plastics lose impact resistance or optical qualities when they are in contact with chemicals.
Veralite® has in general a good chemical resistance.

Please find below the most common agents ranked alphabetically and the reaction of Veralite® when being in contact with them :

Acetic Acid, 40% aq	1	Chloral Hydrate, solid	4
Acetic Acid, glacial	3	Chlorobenzene	4
Acetic Anhydride	4	Chloroform	4
Acetone	4	Chromic Acid, Plating Soln	4
Aluminium Sulphate, solid	1	Citric Acid	1
Ammonia, 10% aq	4	Citronellol	2
Ammonia, 0,88 SG aq	4	Cupric Sulphate, solid	1
Ammonium Chloride, solid	1	Cyclohexane	1
Ammonium Persulphate, solid	1	Cyclohexanone	4
Ammonium Sulphate, solid	2	Cyclohexanol	2
Amyl Acetate	3		
Amyl Alcohol	4	**D**iacetone Alcohol	1
Amyl Methyl Ketone, solid	1	Di-alkyl Phthalate	1
		Di-butyl Phthalate	1
Barium Chloride, solid	1	Di-non Phthalate	2
Benzene, solid	4	Di-octyl Phthalate	1
Benzoic Acid	1	Dimethyl Formamide	4
Benzyl Acetate	4	Dioxane	4
Benzyl Alcohol	4	Dipentene	2
Benzyl Benzoate	3	Di-1-phenyl Ethanol	3
Butyl Acetate	4		
Butyl Alcohol	1	**E**thyl Acetate	4
Butyl Lactate	2	Ethyl Alcohol	1
Butyl Stearate	1	Ethyl Benzene	3
		Ethyl Digol	1
Calcium Hypochloride, solid	2	Ethylene Chlorohydrin	4
Camphor, solid	1	Ethylene Dibromate	4
Camphorated Oil	2	Ethylene Dichlorate	4
Carbon Tetrachloride	2	Eugenol	4
Castor Oil	1	2-Ethoxy Ethanol	2
Cetyl alcohol, solid	1		

Ferric Nitrate, solid	1
Formaldehyde, 40% W/W aq	1
Formic Acid, 3 % aq	2
Formic Acid, 30 % aq	2
Furfuryl Alcohol	4
Geraniol	2
Glycerine	1
Glycol	1
Hydrobromic Acid, 50% aq	1
Hydrochloric Acid, 10% aq	2
Hydrofluoric Acid, 50% aq	3
Hydrofluoric Acid, 50% conc	4
Hydrogen Peroxide	1
Hydroquinone, solid	1
Isopropyl Alcohol	1
Lanoline	1
Linalol	2
Linseed Oil	2
Lubricating grease	1
Magnesium Chloride, aq sol.	2
Maleic Acid, 25% aq	2
Maleic Acid, 50% aq	2
Mercuric Chloride, solid	2
Mercury	1
Methyl Alcohol	1
Methyl Cyclohexanol	1
Methyl Ethyl Ketone	4
Methyl Methacrylate	3
Methyl Salicylate	4
Methylene Chloride	4
Mineral Oil	1
2-Methoxy Ethanol	3
Naptha, crude	1
Naptha, solvent	2
Nitric Acid, 10% aq	2
Oil	1
Olive Oil	2
Oxalic Acid, solid	1
Oxalic Acid, solution	2
n-Octane	1
Paraffin (medicinal)	1
Paraffin Oil	1
Petrol	2
Petroleum Ether	1
Phenol	4
Pinen	2
Potassium Bromide, solid	1
Potassium Chromate, solid	1
Potassium Cyanide, solid	1
Potassium Dichromate, solid	1
Potassium Hydroxide, 1% aq	4
Potassium Hydroxide, 10% a	4
Potassium Permanganate, s	3
Propionic Acid	4
Propyl Alcohol	1
Propylene Glycol	1
Salicylic Acid, solid	1
Sodium Bicarbonate, solid	1
Sodium Borate, solid	1
Sodium Bromide, solid	1
Sodium Carbonate, anhydrou	1
Sodium Carbonate, 2,5% aq	1
Sodium Chloride, 1% aq	1
Sodium Chloride, 10% aq	2
Sodium Cyanide, solid	1
Sodium Hydroxide, 1% aq	4
Sodium Hydroxide, 10% aq	4
Sodium Nitrate, solid	2
Sodium Phosphate, solid	1
Sodium Sulphite, solid	2
Sodium Thiosulphate, solid	1
Stearic Acid, solid	2
Sulphur, solid	1
Sulphuric Acid, 3% aq	2
Sulphuric Acid, 30% aq	2
Tartaric Acid, solid	2
Tetrahydrofuran	4
Tetralin	1

Toluene	2	**V**inegar	2
Transformer Oil	2		
Trichloroethyl Phosphate	1	**X**ylene	2
Trichloroacetic Acid	4		
Trichloroethylene	4	**Z**inc Chloride	2
Trietholamine	4		

1 = Unaffected
2 = Satisfactory, but slight distortion, probably caused by absorption
3 = Some attack,causing a long term deterioration in transparancy, no loss of strength,eg. cloudiness
4 = Unsatisfactory, immediate attack, deterioration in properties, eg. embrittlement and discolouration

All above information is based on current knowledge and experience. The data does not imply any warranty from the manufacturer towards third parties. Users should consider the above data as a guideline and gather additional information, to make independant decisions regarding the proper use, disposal, safety towards other parties and the protection of the environment.
For more specific information, please feel free to contact our technical department :

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