

Tefcote Topcoat N4000HRX Chemical Resistance Expectations



tefcote
SURFACE SYSTEMS

Key:

+	Unaffected after 12 months or slight attack apparent but paint still protecting the substrate adequately.
+0	Unaffected up to 6 months, partial failure thereafter
0	Unaffected up to 1 month, partial failure thereafter
-	Non resistant

Acids

• Acetic Acid	-
• Acetic Acid – 10% in water	-
• Hydrochloric Acid – 10% in water	+0
• Lactic Acid	-
• Nitric Acid – Concentrated	-
• Nitric Acid – 10% in water	-
• Phosphoric Acid – Concentrated	+0
• Sulphuric Acid – 10% in water	+0
• Sulphuric Acid – 50% in water	+0

Alkalis, Bases

• Ammonia – 40% in water	+0
• Diethanolamine	+
• Diethylene Triamine	-
• Sodium Hydroxide – 20% in water	+
• Triethylene Tetramine	-

Alcohols

• Benzyl Alcohol	0
• N-Butyl Alcohol	+0
• Cyclohexyl Alcohol	0
• Ethyl Alcohol	+0
• N-Hexanol	+
• Methyl Alcohol	-

Hydrocarbons

• Benzene	+
• Hexane	+
• Naptha Petroleum	+
• Motor Gasoline	+
• Shellsol A	+
• Shellsol R	+
• Styrene	+0
• Toluene	+
• White Spirit	+
• Xylene	+

Ketones

• Acetone	-
• Methyl Ethyl Ketone (MEK)	-
• Methyl Isobutyl Ketone (MIBK)	-

Vegetable Oils

• Castor Oil	+
• Coconut Oil	+
• Linseed Oil	+
• Olive Oil	+
• Palm Oil	+
• Tall Oil	+

Miscellaneous

• Carbon Tetrachloride	+0
• Di-Butyl Phthalate	+
• Ethyl Acetate	-
• Ethylene Glycol	+
• Glycerol	+
• Phenol	+
• Porypropylene Glycol	+
• Water – De-ionized	+