



Kinetrol Standard Yellow Epoxy Paint Chemical Compatibility Chart

CHEMICAL	RESISTANCE MEASURE:
<u>Inorganic chemicals</u>	
Ammonium hydroxide (10%)	1
Calcium chloride (50%)	1
Caustic potash solution (10%)	1
Sodium hypochlorite (saturated)	1
Caustic soda solution (10%)	1
Caustic soda solution (saturated)	1
Phosphoric acid (10%)	1
Phosphoric acid (50%)	2
Nitric acid (10%)	1
Nitric acid (50%)	5
Hydrochloric acid (10%)	2
Hydrochloric acid (concentrated)	2
Sulphuric acid (50%)	1
Sulphuric acid (concentrated)	5
Sodium chloride solution (saturated)	1
Hydrogen peroxide (100%)	1
Water	1

Resistance grading
1 Resistant
2 Slight colour change
3 Loss of gloss/softened
4 Loss of gloss/very soft
5 Complete destruction of coating
All tests were 24 hour chemical spot tests carried out at room temperature according to ASTM D1308-79.

<u>Organic chemicals</u>	
Acetone	5
Acetonitrile	2
Benzene	1
Benzyl alcohol	3
N-Butanol	1
N-Butyl acetate	1
Citric acid (10%)	5
Chlorobenzene	1
Chloroforme	2
O-Chlorophenol	3
Cyclohexane	2
Cyclohexanone	2
1,2-Dichloroethane	2
Diethyl ether	1
Dioxane	2
Glacial acetic acid	2
Ethanol	1
Ethyl acetate	2
Ethylene glycol	1
Glycerine	1
Hexane	1
Isooctane	1
Isopropanol	1
Lactic acid	2
Methanol	1
Methylene chloride	2
Methyl ethyl ketone	2

Issue B
Signed
Date 16/11/21

KINETROL

Trading Estate Farnham Surrey England

Doc. No. TD205
Page 1 of 2



Kinetrol Standard Yellow Epoxy Paint Chemical Compatibility Chart

N.N-Dimethylformamide	5
N-Methylpyrrolidon	5
Oxalic acid	1
Petroleum ether	1
Phenol	3
Turpentine	1
1,1,1-Trichloroethane	1
Tetrachloromethane	1
Trichloroethylene	1
Toluene	1
Xylene	1

Resistance grading	
1	Resistant
2	Slight colour change
3	Loss of gloss/softened
4	Loss of gloss/very soft
5	Complete destruction of coating

All tests were 24 hour chemical spot tests carried out at room temperature according to ASTM D1308-79.

Fuels/lubricants	
Four-star petrol	1
Fuel M 15	1
Diesel Oil	1
Kerosene	1
Hypoid bevel gear oil Shell Spirax HD 90	1
Transmission oil Shell Spirax MA 80	1
Cutting fluid	1
Automatic transmission fluid Shell Dextra 11D 20-137	1
Engine oil, mineral, Mihag 1500-40	1
Engine oil, synthetic, Mobil SHC 10 W-40	1
Brake fluid Hydraulan DOT 4	2
Roller bearing grease DIN 51 825	1

Detergents	
Genkeene	1
Glystantin (BASF)/water	1
Suds	2
Washing up liquids	1
Household detergents	1

Miscellaneous	
Linseed oil	1
Milk	1
Silicone oils	1