

Chemical Resistance of Coatings

The following coatings have been tested to be resistant to the chemicals indicated. All coatings must be fully cured (7 days @ 70 +/- 5 °F and 60 +/- 10% RH). ISO groups according to EN 13529:2003.

ISO	Chemical Name(s)	600	610	620	630	640	650	651	652	670
1	Gasoline	√	√	√	√	√	√	√	0	√
2	100LL/Jet-A	√	√	√	√	√	√	√	0	√
3	Diesel	√	√	√		√	√	√	0	√
	Heating Oil	√	√	√		√	√	√	0	√
4	Motor Oil	√	√	√	√	√	√	√	0	√
	Hydraulic Oil	√	√	√	√	√	√	√	0	√
	Transmission Fluid	√	√	√	√	√	√	√	0	√
	Hydrocarbons	√	√	√	√	√	√	√	0	√
	Toluene	√	√	√	√	√	√	√	0	√
	Xylene	√	√	√	√	√	√	√	0	√
4a	Benzene	√	√	√				√	0	√
	Methylnaphthalene	√	√	√				√	0	√
4b	Crude Oil	√	√	√	√			√	0	√
5	Mono-/Polyalcohol							√	√	√
5a	Glycol ether							√	√	√
7	Organic Ester/Ketone							√		√
7a	Aromatic Ester/Ketone							√		√
8	Aliphatic Aldehyde	√	√	√		√	√	√	√	√
	Formaldehyde 40%	√	√	√		√	√	√	√	√
9	Organic acids <10%					√	√	√	√	
	Acetic Acid					√	√	√	√	
9a	Organic Acids >10%							√		
	Propionic Acid							√		
10	Inorganic Acids <20%	√	√	√		√	√	√	√	√
	Sulfuric Acid	√	√	√		√	√	√	√	√
11	Inorganic Alkali	√	√	√	√	√	√	√	√	√
	Sodiumhydroxide 20%	√	√	√	√	√	√	√	√	√
12	Inorganic Salt Solution	√	√	√	√	√	√	√	√	√
	Sodiumchloride 20%	√	√	√	√	√	√	√	√	√
14	Organic Tensides	√	√	√	√	√	√	√	√	√
15a	Non-cyclic Ether							√		√
	Diethyl Ether							√		√

√ = resistant up to 7 days. 0 = resistant up to 24 hours. (blank) = not resistant, will discolor or soften.

Visit the Stauf web site for more information or call Stauf Technical Services at 901.820.0007.

04-26-2021