TRESPA TOPLAB*PLUS* - CHEMICAL RESISTANCE

(24 HOURS EXPOSURE)

Test procedure

The test was conducted by applying 5 drops of each reagent on the surface, covered with a watch glass (except those marked**). Chemicals marked ** were tested with a saturated cotton ball covered by a bottle. All chemicals were tested at room temperature for a period of 24 hours, rinsed off with water and evaluated.

Test results

No effect: No detectable stain, loss of gloss or change in work surface material.
Excellent: Slight stain or loss of gloss, but no change to the function, smoothness or life of the work surface material.
Good: A clearly discernible stain or loss of gloss, but no change to the function, smoothness or life of the work surface material.
Fair: Unacceptable staining or discernible deterioration or etching of the work surface material.
Failure: Severe stain or moderate deterioration, pitting cratering or etching of work surface material.

		No effect	Excellent	Good	Fair	Failure
Acids						
Acetic Acid	99%	■				
Acid Dichromate	5%	■				
Chromic Acid	60%	■				
Formic Acid	90%	■				
Hydrochloric Acid	10%	■				
Hydrochloric Acid	37%	■				
Hydrofluoric Acid	48%					■
Nitric Acid	20%	■				
Nitric Acid	30%		■			
Nitric Acid	65%			■		
Nitric Acid	70%			■		
Nitric Acid 65% : Hydrochloric Acid 37%	(1:3)	■				
Perchloric Acid	60%	■				
Phosphoric Acid	85%	■				
Sulphuric Acid	25%	■				
Sulphuric Acid	33%	■				
Sulphuric Acid	77%	■				
Sulphuric Acid	85%	■				
Sulphuric Acid	98%		■			
Sulfuric Acid 77% : Nitric Acid 70%	(1:1)			■		
Sulfuric Acid 85% : Nitric Acid 70%	(1:1)			■		
Bases						
Ammonium Hydroxide	28%	■				
Sodium Hydroxide	10%	■				
Sodium Hydroxide	20%	■				
Sodium Hydroxide	40%	■				
Sodium Hydroxide Flake		■				
Salts						
Copper Sulphate	10%	■				
Ferric(III)chloride	10%	■				
Potassium Iodite	10%	■				
Potassium Permanganate	10%	■				
Saturated Zinc Chloride		■				
Silver Nitrate	1%	■				
Sodium Chloride	10%	■				
Sodium Hypochlorite	13%	■				
Halogens						
Iodine (Crystals)			■			
Iodine Solution (0.1 N)			■			
Tincture of Iodine			■			
Organic Chemicals						
Cresol		■				
Dimethylformamide		■				
Formaldehyde	37%	■				
Furfural			■			

		No effect	Excellent	Good	Fair	Failure
Gasoline		■				
Hydrogen Peroxide	3%	■				
Phenol	90%	■				
Sodium Sulfide Saturated		■				
Solvents**						
Acetic Anhydride		■				
Acetone		■				
Acetonitrile		■				
Amyl Acetate		■				
Benzene		■				
Butyl Alcohol		■				
Carbon Tetrachloride		■				
Chloroform		■				
Dichlor Acetic Acid		■				
Dichloromethane		■				
Dioxane		■				
Diethyl Ether		■				
Ethylacetate		■				
Ethylalcohol		■				
Ethylene Glycol		■				
Methylalcohol		■				
Methylene Chloride		■				
Methylethylketone		■				
Methylisobutylketone		■				
Mono Chlorobenzene		■				
Napthelene		■				
n-Butyl Acetate		■				
Tetrahydrofurane		■				
n-Hexane		■				
Toluene		■				
Trichloroethylene		■				
Xylene		■				
Biological Stains						
Acridine Orange	1%	■				
Alizarin Complexone Dihydrate	1%	■				
Aniline Blue, water soluble	1%	■				
Basic Fuchsin	1%	■				
Carbol Fuchsin	1%	■				
Carmine	1%	■				
Congo Red	1%	■				
Gentian Violet (dye)	1%	■				
Eosin B	1%	■				
Giemsa Stain	1%	■				
Malachite Green Oxalate	1%	■				
Methyl Violet 2B	1%	■				
Methylene Blue	1%	■				
Safranine O	1%	■				
Sudan III	1%	■				
Wright Stain	1%	■				
Most conventional cleaning agents		■				

The chemicals mentioned in the above table include the 49 chemicals/concentrations listed by SEFA (Scientific Equipment and Furniture Association) as well as the main reagents from the PSI (Professional Service Industries/Pittsburgh Laboratory Division).

All information is based on our current state of knowledge. It is intended as information concerning our products and their application possibilities, and is therefore not intended as any form of guarantee with regard to any specific product characteristic. Test results differ per colour.

Although the tests have been conducted according to the standard, it is recommended that users conduct their own tests: convince yourself that Trespa TopLab^{PLUS} is the only true multifunctional worktop!

Please check www.trespa.info for the latest version of the material properties and delivery programme.

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