

1.9.2.10 Chemical resistance of worktop materials

The following table provides an overview of the wchemical resistance of our worktop materials. These ratings are based on exposure for one day and should not be regarded as scientifically objective. They are

only intended to provide guidance for the selection of suitable materials. We disclaim all liability in connection with this information.

	Standard melamine	TopResist® melamine	Trespa Toplab®BASE	Trespa TopLab®PLUS	Ceramic / Composite ceramic	Laminated glass	Stainless steel	Epoxy resin	Polypropylene
Solvent									
Ethanol	+	+	+	+	+	+	+	+	+
Isopropanol	+	+	+	+	+	+	+	+	+
Acetone	+	+	+	+	+	+	+	+	+
Ethyl acetate	+	+	+	+	+	+	+	+	+
Trichloromethane	+	+	+	+	+	+	+	+	0
Diethyl ether	+	+	+	+	+	+	+	+	+
Toluene	+	+	+	+	+	+	+	+	-
n-Hexane	+	+	+	+	+	+	+	+	+
Cleaner's naphtha	+	+	+	+	+	+	+	+	0
Inorganic acids									
Hydrochloric acid, concentrated	-	+	-	+	+	+	-	+	-
Sulphuric acid, concentrated	-	0	-	0	+	+	-	+	+
Sulphuric acid, 50%	-	0	-	0	+	+	-	-	+
Nitric acid, concentrated	-	0	-	0	+	+	-	-	-
Phosphoric acid, concentrated	-	+	-	+	+	+	-	0	+
Hydrofluoric acid	-	0	-	-	-	-	-	-	+
Organic acids									
Formic acid, concentrated	-	0	-	+	+	+	+	+	-
Acetic acid, concentrated	+	+	+	+	+	+	+	+	+

+ Material very suitable; 0 Material sometimes suitable; - Material unsuitable

1.9. LABORATORY FURNITURE

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	Standard melamine	TopResist® melamine	Trespa Toplab ^{®BASE}	Trespa TopLab ^{®PLUS}	Ceramic / composite ceramic	Laminated glass	Stainless steel	Epoxy resin	Polypropylene
Alkalis									
Lye, 20%	+	+	0	+	+	+	+	+	+
Ammonia solution, concentrated	+	+	+	+	+	+	+	+	+
Neutral solutions									
Formaldehyde, 25%	+	+	+	+	+	+	+	+	+
Oxidants									
Hydrogen peroxide, 30%	–	+	–	+	+	+	+	+	+
Potassium permanganate, 5%	+	+	+	+	+	+	+	–	+
Potassium dichromate, 5%	+	+	+	+	+	+	+	+	+
Iodine 5% in chloroform	+	+	+	+	+	+	+	+	–
Reductants									
Sodium sulphite, 5%	+	+	+	+	+	+	+	+	+
Dyes and stains									
Eosin	+	+	+	+	+	+	+	+	+
Methylene blue	+	+	+	+	+	+	+	+	+
Crystal violet	+	+	+	+	+	+	+	+	+

+ Material very suitable; 0 Material sometimes suitable; – Material unsuitable