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Characteristics and use

Thinners consist of technical solvents or their mixtures. The composition of these thinners is indicative only and they may contain other components in addition.

Thinners are intended for the additional modification (thinning) of coating materials to fit the particular methods of application. Their recommended uses are given on label of every product. This technical data sheet gives general information about thinners, on the fitness of a particular thinner for a specific application technology and coating materials, with examples in some cases.

BALTECH C6000	Composition	Mixture of organic solvents (toluene, n-butyl acetate, acetone, butan-1-ol, methyl acetate, ethanol).
	Use	For thinning nitrocellulose lacquers, e.g. C1037 and C1038, intended for application by spraying or brush. For spray application, the thinner is intended only for professional and industrial use.
	Density	850 - 870 kg/m ³
	TOC	0.83 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

BALTECH C6000/4	Composition	Mixture of organic solvents (toluene, methyl acetate).
	Use	For cleaning and degreasing of technological equipment, working tools, etc., the thinner is intended only for professional and industrial use.
	Density	ca 880 kg/m ³
	TOC	0.74 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

BALTECH C6000/5	Composition	Mixture of organic solvents (toluene, acetone, butan-1-ol, methyl acetate, ethanol).
	Use	For the preparatory technological operations, the thinner is intended only for professional and industrial use.
	Density	max. 850 kg/m ³
	TOC	0.80 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

BALTECH C6050	Composition	Mixture of organic solvents (toluene, acetone, butan-1-ol, ethyl acetate).
	Use	For thinning paints, for professional and industrial use only.
	Density	ca 845 kg/m ³
	TOC	0.77 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

BALTECH C6600	Composition	Mixture of organic solvents (toluene, n-butyl acetate, butan-1-ol, xylene).
	Use	Universal using, for thinning synthetic, nitrocellulose and epoxy paints, manufactured by BAL TELURIA, Ltd.
	Density	ca 860 kg/m ³
	TOC	0.91 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

BALTECH S6001	Composition	Mixture of organic solvents (xylene a ethan-1-ol).
	Use	For thinning of synthetic air-drying paints, applied by spraying, unless explicitly prescribed another thinner.
	Density	ca 855 kg/m ³
	TOC	0.80 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).		

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**BALTECH S6001
PROFI**

Composition	Mixture of organic solvents (toluene, hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatic (2-25 %)).
Use	For thinning of synthetic air-drying paints, applied by spraying, unless explicitly prescribed another thinner. The thinner is intended only for professional and industrial use.
Density	ca 820 kg/m ³
TOC	0.89 kg/kg
Flammable liquid of I. hazard class (according to ČSN 65 0201).	

BALTECH S6003

Composition	Mixture of organic solvents (xylene, butan-1-ol).
Use	For thinning synthetic baking paints or insulating varnishes, e.g. S1903, S1942, unless explicitly prescribed another thinner.
Density	ca 852 kg/m ³
TOC	0.87 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).	
NB: this product (customs nomenclature 2707 30 00) should not be used to drive motors.	

BALTECH S6005

Composition	Xylenes – mixture of isomers.
Use	For thinning synthetic paints applied by spraying, dipping or by brush and roller, unless explicitly prescribed another thinner.
Density	ca 862 kg/m ³
TOC	0.91 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).	
NB: this product (customs nomenclature 2707 30 00) should not be used to drive motors.	

BALTECH S6006

Composition	Mixture of organic solvents (xylenes – mixture of isomers and hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatic (2-25 %)).
Use	For thinning oil varnishes and synthetic air-drying paints, applied by spraying, dipping or by brush and roller, unless explicitly prescribed another thinner.
Density	ca 795 kg/m ³
TOC	0.87 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).	

BALTECH S6022

Composition	Směs organických rozpouštědel (2-butoxyethan-1-ol, butan-1-ol).
Use	For thinning paints, for professional and industrial use only.
Density	890 - 900 kg/m ³
TOC	0.62 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).	

BALTECH S6300

Composition	Mixture of organic solvents (xylene, n-butyl acetate, 2-butoxyethan-1-ol, butan-1-ol).
Use	For thinning two-component epoxy paints, unless explicitly prescribed another thinner.
Density	ca 854 kg/m ³
TOC	0.75 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).	

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BALTECH S6904	Composition	Mixture of organic solvents (xylene, butan-1-ol).
	Use	For thinning insulating varnishes, e.g. S1903, S1942, unless explicitly prescribed another thinner.
	Density	ca 85 kg/m ³
	TOC	0.84 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).		

BALTECH U6003	Composition	Mixture of organic solvents xylene and 2-methoxy-1- methylethyl-acetate).
	Use	For thinning two-component polyurethane paints, unless explicitly prescribed another thinner.
	Density	ca 915 kg/m ³
	TOC	0.73 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).		

BALTECH U6003/1	Composition	Mixture of organic solvents (xylene, n-butyl-acetate).
	Use	For thinning two-component polyurethane paints, unless explicitly prescribed another thinner.
	Density	ca 870 kg/m ³
	TOC	0.79 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).		

BALTECH U6004	Composition	Mixture of organic solvents (xylene, 2-methoxy-1- methylethyl-acetate).
	Use	For thinning two-component alkydurethane paints, unless explicitly prescribed another thinner.
	Density	ca 862 kg/m ³
	TOC	0.91 kg/kg
Flammable liquid of II. hazard class (according to ČSN 65 0201).		

Handling Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace.

Storability The product keeps the product qualities 36 months from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C.

Packing 400 ml; 700 ml; 4 l, 9 l

Disposal of packing and waste Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see the product safety data sheet.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

The producer stipulates the right for the change in the catalogue sheets without previous notification.