SAYERLACK®
INNOVATIVE WOOD SOLUTIONS

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

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P. IVA: IT 00494251200 - R.E.A. n. 313180
Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

Company under the direction and coordination of The Sherwin-Williams Company, USA

Technical **Data Sheet**

TLL3097/XX HIGH-GLOSS SOLVENT BASED CONVERTER FOR TINTOMETRIC SYSTEMS

Supersedes previous issue dated 01/19/11 *DATE 06/18/12*

Colours:	BB - white; NN - neutral
Area of use:	Flat parts, picture frames, profiles
Method of use:	Conventional and airless spray guns, curtain coater
Mixing procedure:	By weight (kg) TLL3097/XX 100 TH0735/00 70 DT0424/00 30

Technical characteristics:

Solids content (%):	TLL3097/NN	60 ± 2
	TLL3097/BB	74 ± 3
Specific gravity (kg/l):	TLL3097/NN	0.991 ± 0.030
	TLL3097/BB	1.367 ± 0.030
Viscosity (DIN 4 at 20°C):	TLL3097/NN	50” ± 5”
(DIN 4 at 20°C):	TLL3097/BB	180” ± 5”

Substrate preparation

Preferably with pigmented polyester basecoats that are less affected by lifting than polyurethane basecoats.

General characteristics

Pot-life (at 20°C.):	4 hours
Recommended application weight (g/m²):	Min. 80 - max. 200
Drying time (150 g/m² at 20°C):	Dust free: 30’ Touch dry: 6 hours
Shelf-life (months):	36 After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

TLL3097/XX have been specifically formulated for tintomentric systems.

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TLL3097/NN base cannot be applied as it is, but is to be tinted with solvent-based pastes TP2009/XX. It is important to remember that the addition of organic pigmented pastes implies longer drying times, lower hardness as well as lower hiding power than inorganic pigmented pastes.

As an alternative hardener to TH0735/00, it is possible to use TH0724/00 at 100% by weight in order to speed up drying. However, this will reduce the product hiding power. In addition, a different floating of the pigments might result in a color change, compared with hardener TH0735/00.

Special instructions

TLL3097/XX topcoats can be mixed with TP2009/XX pastes in a volumetric mixing ratio of 80/20 cc for intense shades starting from neutral up to a maximum of 4% in volume for pastel shades starting from pigmented white, as it is stated in the WOOD COLOR PLUS formulary.

PROBLEM OF COLOUR ALTERATION DUE TO SUNLIGHT

In general white is liable to yellow slightly over time even if specific hardeners are used. Since equipment exists for determining to a fair degree of accuracy how long it will take for the colour of coatings to change and the extent of the change, before starting work, users should have the light fastness of pigmented topcoats evaluated to determine whether they are suitable for their requirements. Sayerlack laboratories are able to perform this test with the utmost objectivity, although the ideal solution is for the user to contact an independent testing laboratory.