



TECHNICAL DATA SHEET

Setal 26-3705

An acetoacetate functional polyester

General description:

Setal 26-3705 is a low viscosity acetoacetate – modified polyester with excellent compatibility with a variety of industrial resin systems. Because of the acetoacetate functionality, this reactive diluent is crosslinkable with aminoplast resins, poly-isocyanates, polyamines, poly-ketimines and unsaturated polyesters or acrylics. Setal 26-3705 was developed for the next generation of non-isocyanate two component primer systems. When reacted with Setal 26-3701 and Setalux 10-1440, this system provides much faster dry versus a standard two-component isocyanate primer system without the negative health and safety issues associated with isocyanates.

Technical features:

1. Extremely fast air dry times
2. Excellent adhesion on a variety of substrates
3. Ability to formulate a 2.1 – 2.8 lb/gal VOC system
4. Low toxicity properties
5. Fast re-coat properties
6. Good corrosion resistance

Suggested uses:

1. Non-isocyanate industrial primers for plastics and metal
2. Car refinishing and fleet primer applications

Delivery form: 75% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non volatile, by weight	75.0 ± 1.0	%	1 – 1
Acid value (on n.v.)	0.5 maximum	mg KOH/g	5 – 1
Viscosity (77°F)	L – P	Gardner - Holdt	2 – 1
Color	6 maximum	Gardner	3 – 1
Appearance	clear, free from extraneous matter		7 – 1

* SDM: Nuplex Resins methods of determination (available on request)

Density: 8.80 ± 0.10 lbs./gal Acetoacetate equivalent weight: 440
Flash point: 80°F Setafash
Non-volatile, by vol.: 70.2%

Not on DSL Inventory

Updated: February, 2010

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.