

# Technical Data Sheet Alberdingk<sup>®</sup> APU 10140

## Characteristic

Alberdingk<sup>®</sup> APU 10140 is a solvent-free, aliphatic, polyester/polycarbonate polyurethane, acrylic hybrid dispersion.

### Features:

Very high flexibility Outstanding adhesion to plastics including PVC Very good chemical resistance

# Specification:

NVW	%	35.0 – 37.0
pH value		7.5 – 8.5
Viscosity	cps	30 - 200

#### According to:

	DIN EN ISO 3251
1	1.0 g weighed quantity at 105°C
	DIN ISO 976
	ISO 1652, Brookfield RVT
S	Spindle 1/rpm 20/factor 5

### Further typical data\*:

MFFT	°C	approx. 4
Koenig hardness	S	approx. 50

### **Applications:**

Varnishes for plastics Basecoats Lacquers for cork

 Latest update
 Alberdingk Boley, Inc. | 6008 High Point Road | Greensboro NC 27407 | Phone +1-336/454-5000

 December 14, 2010
 Fax +1-866/220-4750 | info@alberdingkusa.com | www. alberdingkusa.com

 page 1 of 2
 Alberdingk Boley GmbH | Krefeld, Germany| www.alberdingk-boley.de

 Alberdingk Resins (Shenzhen) Co. Ltd. | Shenzhen City, P.R .China | www.alberdingkchina.com

The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or suitability for a concrete operation purpose cannot be derived from this information. Industrial property rights are to be considered if required



# Technical Data Sheet Alberdingk<sup>®</sup> APU 10140

### Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly.

ALBERDINGK BOLEY Inc. assures, that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY Inc.

#### Packaging:

drums (460 lbs) totes (2205 lbs) as bulk in tank cars, by agreement.

### Safety:

For further information on product safety please refer to the actual material safety data sheet.

#### Notice:

\* General information - the values can not be considered as part of the product specification.

Latest update	Alberdingk Boley, Inc.   6008 High Point Road   Greensboro NC 27407   Phone +1-336/454-5000
December 14, 2010	Fax +1-866/220-4750   info@alberdingkusa.com   www. alberdingkusa.com
page 2 of 2	Alberdingk Boley GmbH   Krefeld, Germany  www.alberdingk-boley.de Alberdingk Resins (Shenzhen) Co. Ltd.   Shenzhen City, P.R .China   www.alberdingkchina.com

The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or suitability for a concrete operation purpose cannot be derived from this information. Industrial property rights are to be considered if required