

## Preliminary Technical Data Sheet

### AlberdingkUSA<sup>®</sup> APU 1053

#### Characteristic:

Anionic dispersion of an aliphatic polyether-polyurethane/acrylic for peelable/temporary coatings.

#### Features:

Solvent-free  
Ultra-low VOC capable  
Excellent flexibility and toughness  
Good shear stability  
Excellent block resistance  
Good exterior durability

#### Tentative Specification:

NVW	%	41.0 – 43.0
105°C		
pH value		7.5 – 8.5
Viscosity	cps	500 - 2500

#### According to:

DIN EN ISO 3251  
1.0 g weighed quantity at  
DIN ISO 976  
ISO 1652, Brookfield RVT  
Spindle 1/rpm 50/factor 20

#### Further typical data:

MFFT	°C	0
Elongation @break		550%
Ultimate tensile strength		30 N/mm <sup>2</sup>

#### Applications:

Temporary protective coatings  
Coatings for flexible substrates (leather and textile)

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#### **Storage:**

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. The recommended temperature-range for storage is 10 - 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:**

plastic drums (120 kg)  
one-way container (approx. 1000 kg)  
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.