

# Technical Data Sheet

## AlberdingkUSA® U 9270

### Characteristic

AlberdingkUSA® U 9270 is a NMP-free, self-crosslinking, aliphatic polyester polyurethane dispersion that can be formulated for high-performance wood coatings. It has excellent film hardness and chemical/stain resistance.

### Features:

Suitable for one-component floor finishes (MFMA compliant!)  
Excellent black heel mark resistance  
High gloss  
Excellent adhesion to multiple substrates  
Excellent fingernail mar resistance

### Specification:

NVW	%	40.0 – 42.0
pH value		7.5 – 8.5
Viscosity	cps	30 - 300

### According to:

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

### Further typical data\*:

Density, lbs/gal (g/cm <sup>3</sup> )	8.76 (1.05)
VOC (g/L)	23
MFFT (°C)	46
Koenig hardness, s	134

### Applications:

Sports flooring (1K & 2K)  
Parquet flooring  
High gloss enamels  
Wood furniture  
Plastic coatings

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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 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.