# UMU-139045 Polyurethane



## **Description**

UMU-139045 is a high performance non-reactive aliphatic Polyurethane with high molecular weight.

#### **Characteristics**

- Tin-free
- TDI-free
- Film-forming
- Dilutable with alcohol
- Fully compatible with nitrocellulose
- No blocking tendency even at elevated temperatures
- Good solvent release
- Excellent lamination bond strength
- Excellent grease, heat and deep freeze resistance
- High ink film flexibility

## **Suggested Application**

- Flexographic and Gravure Inks
- Adhesion promoter towards PE, OPP, PET films

# **Typical Properties**

Appearance clear to slightly hazy

Solid content [% w/w] 43 - 47

Solvent content 17% Propyl acetate;

[% w/w] 38% n-Propanol

Viscosity @ 25 °C, 3.5 - 4.5

Brookfield [Pa·s]

## **Storage**

The product should be stored in the closed original container at temperatures between 0 - 25 °C.

#### **Shelf Life**

The product has a shelf life of at least 9 months from the date of manufacture.

### **Safety**

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.



This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.