

UMU-097080

Description:

UMU-097080 is a non-reactive semi-aliphatic plasticizing polyurethane.
The material is tin-free.

It is completely alcohol soluble and dilutable with alcohol, esters, ketone solvents or aromatic hydrocarbon solvents. UMU-097080 is fully compatible with Nitrocellulose and with vinyl-acetate resin solution.

Application:

UMU-097080 is recommended for the use in flexographic and gravure ink formulations for both surface and lamination printing applications.

The product is a very efficient flexibilizer for film forming binders and gives excellent adhesion towards PE, OPP and PET films.

Typical properties:

Property	Typical value
Appearance	Clear to slightly hazy & Colourless to pale yellow
Solid content [% w/w]	80 +/-2
Volatile content [% w/w]	18% Ethyl Acetate; 2% Ethanol
NCO content [% w/w]	max 0.005%
Viscosity Brookfield @ 25 °C [mPa·s]	1,000 – 2,000

Storage:

The product should be stored in closed original container at a typical temperature 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.