

The image features a blue-toned background with a molecular structure of a resin network. The structure consists of interconnected hexagonal and pentagonal rings, with various atoms represented by blue circles of different shades. The text "FlintGroup / Resins" is positioned in the upper left corner.

FlintGroup / Resins

Product Scope

Dedicated to the needs of our customers

Supplying products with the key features required by ink and coating manufacturers around the world.

Fully tested to meet specific Applications

Top Class Quality

GMP Compliant as needed

Key products for a wide range of applications

Product Families

Brand Name	Classification	Application
PRINTPUR	Polyurethane Resins	Packaging Inks
PERCRYL	Heat Sealing Resins	Packaging Coatings
PRINTESTER	Polyester Resins (Plasticiser; 2K Systems)	Packaging Inks & Coatings
PRINTCAT	Adhesion Promoters	Packaging Inks
PERCRYL	Acrylics	Packaging Inks & Coatings
PRINTALKYD	Alkyd Resins	Heatset, Sheetfed, Coldset

**Globally
available.**

**Developed
by Experts!**

PRINTPUR | for the production of Printing Inks

Two types available!

Low Molecular Weight:

- ✓ Acts as plasticiser of the binder
- ✓ Not film-forming
- ✓ High Solid Content – from 70% to 100%

High Molecular Weight:

- ✓ Film-forming
- ✓ Low Solid Content – from 25% to 55%

More than 30 high quality PU resins to satisfy all types of applications!

PERCRYL | for Thermosealing Applications

Four grades available for a variety of applications!

- ✓ For Aluminum and PET lids
- ✓ Suitable to thermoseal PS, PVC, PET, PP
- ✓ PVC based & PVC free versions available
- ✓ A variety of solvent mix

**Universal thermosealing resins for all kinds of supports!
Compliant with most important regulations for direct food contact!**

PRINTESTER | for Packaging Inks & Coatings

Saturated Soft Polyesters as plasticizers

- ✓ Especially effective for several hard resins
- ✓ Good Compatibility with components of printing inks
- ✓ Polymeric grades for Low Migration applications

Low migration plasticizers developed for food packaging applications!

PRINTESTER | for Packaging Inks & Coatings

Hydroxylated Polyesters for 2 Component Varnishes

- ✓ For Transparent varnishes and 2 component White
- ✓ High reactivity with NCO groups
- ✓ Compatible with NC

Developed for food packaging applications!

PRINTCAT | for Packaging Inks

Adhesion Promoter for Flexible Plastic Films

- ✓ Titanium Phosphate Complex
- ✓ High reactivity and good Stability in the Ink System
- ✓ High Purity, Low Color and Smell
- ✓ Food Packaging Applications. Acetyl Acetate free.

High quality specifically developed for food packaging applications! Manufactured in Europe!

PERCRYL | for Printing Inks & for Coatings

Two types available!

Percryl 101:

- ✓ Acrylic Plasticiser
- ✓ Excellent Compatibility
- ✓ Good adhesion on Plastic Films
an Alu Foil
- ✓ GMP

Percryl 144:

- ✓ Resin for Spray Varnishes
- ✓ High Compatibility with the
propellant
- ✓ Good adhesion on Metals

**Each of these are developed for its
specific application!**

PRINTALKYD | for Heatset, Sheetfed, Coldset

Two commodities available!

PrintAlkyd 30:

- ✓ Soya oil-based & tin free
- ✓ Cost effective
- ✓ Low polarity
- ✓ Good overall properties – gloss, flow, water balance

PrintAlkyd 40:

- ✓ Linseed oil-based & tin free
- ✓ Cost effective
- ✓ Very good pigment wetting
- ✓ High gloss

This is not all!

A wide variety of specialities is available!

FlintGroup / **Resins**

- More than **30 years** experience in Resins.
- **Expert knowledge** and technical insight.
- Producing more **>20,000 tonnes** of resin annually.
- Guided by a **strong environmental platform**.
- **Focused on the future** with processes to prove it!



A global supplier with unmatched insight into the printing inks & coatings industry!