

EBECRYL® 8894 EBECRYL® 8896

For **soft touch** applications



Radcure

Soft touch coatings provide a special haptic feeling to "cold" plastic materials: warm, silky, velvet and elastic.

allnex offers 2 products that can help formulators achieve a rubbery feel (**EBECRYL® 8896**), or velvet feel (**EBECRYL 8894/8896**).

Value Proposition

EBECRYL® 8896 is an elastic aliphatic urethane acrylate developed for soft touch coating applications

- Designed to achieve a **RUBBERY** (soft touch) feel
 - ▶ High elasticity
 - ▶ Easy to formulate
 - ▶ Low yellowing

EBECRYL® 8894 is a durable and tough urethane acrylate that allows for improved abrasion performance without sacrificing the soft feel effect

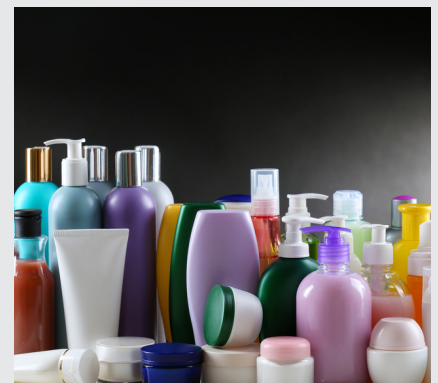
- Designed to boost the abrasion resistance of the soft touch binder EBECRYL 8896, to make your formulation suitable for any end application
- Used with **EBECRYL 8896** for a **VELVET** feel
 - ▶ Ability to fine-tune the soft touch effect
 - ▶ Improved humidity resistance

EBECRYL® 8894/8896 Target applications

Consumer Electronics



Industrial Plastics



Automotive Interior



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EBECRYL® 8896 and EBECRYL 8894 are resins that are suitable for direct and film coatings that impart excellent soft feel features while maintaining superb scratch and abrasion resistance.

STARTING POINT FORMULATION - RUBBERY FEEL

EBECRYL® 8896	50
NIPSIL® E1011 ¹	3.0
ACEMATT® TS-100 ¹	1.3
DNS RHU-5070D	2
EBECRYL® 331	0.3
EBECRYL® 1360	0.2
IRGACURE® 754 ¹	2
LUCIRIN® TPO ¹	0.4
Solvent	110-140

Note spraying application, 35-50µm DFT; 1500MJ/cm²

Features

- Excellent soft and elastic touch
- Good abrasion resistance (RCA > 130@35µm)
- Good adhesion on PC
- Good nail scratch recovery
- Low yellowing

STARTING POINT FORMULATION - VELVET FEEL

EBECRYL® 8896	40
EBECRYL® 8894	10
NIPSIL® E1011 ¹	5
GSM ZN-26	2-5
EBECRYL® 331	0.3
EBECRYL® 1360	0.5
IRGACURE® 754 ¹	2
LUCIRIN® TPO ¹	0.4
Solvent	110-140

Note spraying application, 35-50µm DFT; 1500MJ/cm²

Features

- Excellent soft and silky touch
- Good abrasion resistance (RCA > 250@35µm)
- Good nail scratch recovery
- Good high temperature and humidity resistance
- Low yellowing

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