EBECRYL® 367

Technical Datasheet

ADHESION PROMOTING RESIN

INTRODUCTION

EBECRYL® 367 is a polyester acrylate, developed to improve the adhesion of inks and varnishes onto plastics.

PERFORMANCE HIGHLIGHTS

EBECRYL® 367 is characterized by:

- Low viscosity
- Low colour
- Low acidity

UV/EB cured products based on EBECRYL® 367 are characterized by the following performance properties:

- Excellent adhesion on corona treated polyolefin substrates

The actual properties of UV/EB cured products also depend on the selection of the other formulation components, such as reactive diluent(s), additives and photo initiators.

SUGGESTED APPLICATIONS

Formulated UV/EB curable products containing EBECRYL® 367 are suitable for use in coating compositions, inks, paints, overprint varnishes and laminating adhesives.
Formulated UV/EB curable products containing EBECRYL® 367 may be applied by flexography, inkjet and gravure, direct or reverse roll.
EBECRYL® 367 is recommended for use in:

- White Flexo inks
- Overprint varnishes
- Coatings on corona treated plastics

Typical addition level is 10% by weight or more.

Users should carefully check compatibility with other ingredients and long term stability and adhesion of their formulations using EBECRYL® 367.

TYPICAL VALUES

Appearance	clear liquid
Density, g/cm^3	1.1
Cone and plate viscosity at 25°C, mPa.s	± 1500

STORAGE AND HANDLING

Care should be taken not to expose radiation curable products to temperatures exceeding 40°C for prolonged periods or to direct sunlight. This might cause uncontrollable polymerization of the product with generation of heat.
Storage and handling should be in stainless steel, amber glass, amber polyethylene or baked phenolic lined containers. Do not store this material under an oxygen free atmosphere. Avoid contact with moist air or water. Use dry air to displace material removed from the container. This material should not be stored for more than 6 months.

PRECAUTION

The following is a summary of the precautions to be taken when handling this product. Please refer to the Safety Data Sheet for further details.
The toxicological properties of this material have not been fully determined. Products of this type can be expected to be eye and skin irritant and have the potential to cause sensitization or other allergic responses. Appropriate precautions should be taken to avoid eye and skin contact and to avoid inhalation of the aerosols or vapours. Consult the relevant Safety Data Sheet for appropriate handling procedures and protective equipment prior to using this or any other material referred to in this bulletin.
See Safety Data Sheet for emergency and first aid procedures.

STATUTORY LABELING

For Statutory Labeling information, please refer to Safety Data Sheet.