

### ADHESION PROMOTING RESIN

## INTRODUCTION

EBECRYL® 572 is an inert resin diluted in TMPTA with good adhesion to various substrates such as plastics and metals. EBECRYL® 572 was developed specifically for UV/EB cured offset lithographic inks and exhibits good lithographic behaviour, good pigment wetting and high reactivity.

## PERFORMANCE HIGHLIGHTS

EBECRYL® 572 is characterized by:

- Medium viscosity
- Good pigment wetting
- Good lithographic behaviour
- High cure speed
- Chlorine free
- Characteristic odour

UV/EB cured coatings based on EBECRYL® 572 are characterized by the following performance properties:

- Good adhesion to plastics and metals

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

EBECRYL® 572 is especially suited for UV offset lithography on plastics and metals but can, of course, be used for other applications such as flexo, screen, gravure and OPV's.

## TYPICAL PROPERTIES

Colour, Gardner	< 6
Density, g/cm <sup>3</sup>	1.08
Molecular weight, theoretical	ca. 1500
Viscosity at 25°C, mPa.s	50000

## 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. Use dry air to displace material removed from the container. This material should not be stored for more than 2 years after production date.

## PRECAUTIONS

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 procedure.

## STATUTORY LABELING

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