

UV/EB CURABLE SLIP AGENT

INTRODUCTION

EBECRYL® 341 is a silicone free slip additive master batch.

PERFORMANCE HIGHLIGHTS

EBECRYL® 341 is characterized by :

- Low viscosity
- Low odor
- Silicone free

UV/EB cured products based on EBECRYL® 341 are characterized by the following performance properties :

- Improvement of slip between cured coatings
- Good inter-coat adhesion and glueability

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® 341 is recommended for use in overprint varnish and other radiation curable formulations where good slip properties are required and silicone additives must be avoided.

ADDITION LEVEL

This material can be used at levels between 1 and 10%.

TYPICAL VALUE

Appearance	white, hazy liquid
Viscosity @25°C, mPa.s	50
Density, g/cm ³	0.99
TPGDA, % by weight	80

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.

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 vapors. 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.