

URETHANE ACRYLATE RESIN

INTRODUCTION

EBECRYL® 6637 is a mixture high molecular weight aliphatic urethane diacrylate resin in 20 % of MMA (methyl methacrylate) monomer.

PERFORMANCE DATA

EBECRYL® 6637 is characterized by:

- Light colour
- Low viscosity

Coatings based on EBECRYL® 6637 are characterized by the following performance properties:

- Improved flexibility
- Non-yellowing

The actual properties of the coating also depend on the selection of the other formulation components, such as reactive diluent(s) and additives.

SUGGESTED APPLICATIONS

Concrete coatings, non-UV curing.

TYPICAL VALUE

Dynamic viscosity at 25°C, mPa.s	± 1500
Colour, Apha	≤ 50

PHYSICAL PROPERTIES

Molecular weight, theoretical	5000
Functionality, theoretical	2
Polymer solids, % 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 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

Please refer to Safety Data Sheet.