

POLYESTER ACRYLATE

INTRODUCTION

EBECRYL® 856 is a versatile medium viscosity, hybrid polyester acrylate developed for flooring and furniture applications.

PERFORMANCE HIGHLIGHTS

EBECRYL® 856 is characterised by:

- a moderated viscosity
- a good reactivity

EBECRYL® 856 can be applied by direct or reverse roller coater, and exhibits good performances for furniture and flooring applications.

SUGGESTED APPLICATIONS

EBECRYL® 856 is recommended for use in:

- Sealer
- Topcoat

for furniture and flooring applications

TYPICAL VALUES

Viscosity (25°C), mPa.s	3250
Colour, Gardner	2 - 3
Appearance	clear yellow liquid

PHYSICAL PROPERTIES

Functionality, theoretical	2.5
Density (25°C), g/cm ³	1.15

TYPICAL CURED PROPERTIES

Young's modulus, MPa	2200
Tensile strength, MPa	20
Tensile elongation, %	1
Glass transition temperature, °C	99

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

For Statutory Labeling information, please refer to Safety