

TECHNICAL DATA SHEET

ECODIS™ P 90 MB

100% Bio-attributed dispersing agent for water-based system

Ionic Homopolymer dispersant



100% bio-attributed through mass balance



Lower carbon footprint

TYPICAL CHARACTERISTICS

Nature	Polyacrylate Ammonium Salt
Appearance	Green liquid
Solid Content (%)	40
Active Content (%)	40
pH	7
Specific gravity	1.16
Neutralization type	Ammonium
Solvent	Water
Total Bio content (%)	100

DESCRIPTION

Ecodis™ P 90 MB is the Mass Balance version of the Ecodis™ P 90 with a Bio-attributed content of 100%. It allows a significant reduction of the product carbon footprint compared to its fossil version. Ecodis™ P 90 MB achieves exactly the same performance as the Ecodis™ P 90 and can be readily used and implemented as a direct drop-in.

RECOMMENDED ADDITION LEVEL

The required amount varies from 0.1% to 0.5% of active ingredients based on the total weight of the pigments and fillers. It is recommended to disperse the pigments and fillers in a pH range of 7.5 to 9.5.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

HANDLING & STORAGE

It should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use. A small decrease in pH may be observed: it can be corrected by adding small quantities of ammonium hydroxide. In these conditions, this product should be used within 12 months from delivery.

MARKETS

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating
- Traffic Paint

Adhesives & Sealants

- Assembly
- Pressure Sensitive Adhesives
- Sealants

KEY BENEFITS

FORMULATION

- Cost in use
- Compatibility
- Easy handling



STORAGE

- Antisettling
- Viscosity stability
- Floating resistance
- Syneresis resistance



FILM PROPERTIES

- Hiding power/Opacity
- Transparency
- Stain resistance



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*
- Solvent Free*

* Not intentionally added but not specifically measured (not part of product specification)

- Total Bio content (%) **100**

PVC

- PVC Low
- PVC Mid
- PVC High



ECODIS™ P 90 MB

PROCESSING INSTRUCTIONS

Ecodis™ P 90 MB must be present during pigment and extender dispersion and should, therefore, be added before these products are blended in. The addition level is determined by plotting the graph of the viscosity of the dispersion in water, versus the amount of dispersant added. The level of dispersant corresponding to the minimum viscosity is selected as the addition level.

HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

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