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TECHNICAL DATA SHEET

LAMIBOND MICROBLEND SB45

Micronized Sodium Benzoate Blend for Lamination Adhesives
(Crystallization & Rheology Control)

Chemical Name	Function	Composition %	CAS Number
Sodium Benzoate D90 < 10 µm	Crystallization Modifier Improves Melt Clarity & Flow	45.0%	532-32-1
Micronized Talc	Rheology Modifier Reduces Sag Enhances Coatability	40.0%	14807-96-6
Micronized PE Wax (HDPE-based)	Slip Agent Surface Smoothness Anti-Blocking	10.0%	9002-88-4
Fumed Silica (Hydrophilic)	Thixotrope Improves Shelf Stability	5.0%	112945-52-5
Total Composition		100%	

Target Application:

End Use	Details
Heat-activated Lamination Adhesives	Used for flexible packaging (films, foils, papers)
Solvent-based Polyurethane Systems	Enhances control of adhesive body and coat weight
Film-to-Film and Film-to-Foil Lamination	Improves drying uniformity and dimensional stability

Packing Instructions

Packing Type	Material	Pack Size	Special Notes
Inner Liner Bag	HDPE + LDPE liner	10 kg	Moisture-proof; heat-sealed
Drum	Fiber/HDPE Drum with Lid	25 kg	Tamper-evident
Bulk Bag (Optional)	FIBC with liner	500 kg	Industrial use only

Footnote

Micronized resins (e.g., EVA, PU, Hydrocarbon Resin) are available as separate products for users seeking to customize their Lamination Adhesives.

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