

FORMALDEHYDE & BENZENE REMEDIATION · AMINO-POLYMER NUCLEOPHILIC SCAVENGER

Formaldehyde Remover

Industrial amino-polymer formaldehyde scavenger for MDF, particleboard, cabinetry, and post-renovation source remediation.



TECHNICAL SPECIFICATIONS & OPERATING PARAMETERS

Factory QC Standard · Verified Batch Parameters

Active Chemistry	Aqueous amino-polymer compound, plant-derived imine catalysts, penetrative wetting agents
Target Pollutant	Free & shallow-bound Formaldehyde (HCHO) and low-molecular-weight aldehydes
Appearance & Odor	Colorless to pale straw transparent liquid; mild neutral profile
pH Value (25°C)	6.5 – 7.5 (Neutral, non-acidic formulation)
Recommended Dosage	15 – 25 ml/m² on standard wood panels; 25 – 35 ml/m² on high-load raw particleboard
Curing & Re-Test Window	Surface dry in 2–4 hours; conduct post-treatment closed-room HCHO testing after 24–48 hours
Shelf Life & Storage	24 months sealed at 5°C–35°C away from direct UV light
Product Grade	Professional IAQ Contractor & Millwork Grade
Specific Gravity / Density	1.02 – 1.05 g/cm³ (20 °C)
Flash Point & VOC Content	Non-flammable (Aqueous base, >100 °C closed cup) · VOC: < 5 g/L (Ultra-low VOC, zero added formaldehyde)
Application Method	0.8mm–1.0mm HVLP spray atomization or direct microfiber/brush saturation
Transport & Customs HS Code	Non-Dangerous Goods (Non-DG for Sea/Air) · HS 3824.99.9990
Quality & Test Compliance	ISO 16000-9 / GB/T 18883-2022 1m³ Chamber (≥ 95.8% 24h free HCHO reduction)