

Abstract ECS 2023 Product Presentation

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Solutions for Polyurethane Can Coatings - PU coating crosslinkers for direct food contact and cosmetic packaging applications

Offering both, high chemical resistance and flexibility, polyurethane (PUR) coatings gain more and more importance in the field of can coatings. The production of these cans requires storage stable, 1K coating formulations, which can be achieved using chemically blocked hardeners. Properties like reactivity and suitability for direct food contact depend on the kind of blocking agent. We present a diethyl malonate blocked hardener with a significant low temperature cure potential.