

Title (en)  
FLEXIBLE COATING COMPOSITION

Title (de)  
FLEXIBLE BESCHICHTUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE REVÊTEMENT SOUPLE

Publication  
**EP 4045553 A1 20220824 (EN)**

Application  
**EP 19798773 A 20191015**

Priority  
US 2019056196 W 20191015

Abstract (en)  
[origin: WO2021076100A1] The present disclosure describes polymers and improved resin systems having flexibility, low water uptake, good adhesion, chemical resistance, and/or weatherability at extreme negative temperatures, such as temperatures down to about -40°C or below and even temperatures down to about -60°C. The systems herein, in approaches, include a polymer or resin system for an epoxy component of an epoxy/amine system including an epoxy and/or acetoacetoxyl functionalized flexible block copolymer that has a base hydrophobic polyol block or core, optional flexible monomeric blocks, and epoxy, acetoacetoxyl, or both functional endcaps.

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