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Glasbrenner

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(54) **ISOCYANATE-BASED LAMINATING ADHESIVES**

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This patent is subject to a terminal disclaimer.

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(51) **Int. Cl.**

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(58) **Field of Classification Search** 156/331.4, 156/331.7; 206/813; 428/423.1, 423.5, 428/423.7, 424.2, 424.4, 424.6, 424.8, 425.1, 428/425.8, 311.71, 319.3; 528/66, 76, 80, 528/83, 905

See application file for complete search history.

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(57) **ABSTRACT**

The invention relates to a laminating adhesive including a reaction product of at least one polymeric polyol (part A) and at least one NCO terminated polyurethane prepolymer (part B). The part A includes a reaction product of at least one alkylene diol; at least one dial containing a pendant aliphatic chain; and at least one dicarboxylic acid. The part B includes a reaction product of at least one polyether polyol; and at least one polyisocyanate. The adhesive exhibits an initial viscosity of less than about 25,000 mPa.s at about 25° C.

19 Claims, No Drawings