

Title (en)  
POLYURETHANEUREA SYSTEM

Title (de)  
POLYURETHANHARNSTOFFSYSTEM

Title (fr)  
SYSTEME DE POLYURETHANNE-UREE

Publication  
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Application  
**EP 07874557 A 20071030**

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Abstract (en)  
[origin: WO2008149180A2] A polyurethaneurea system that includes in some embodiments Parts A and B reaction components for a polyurethaneurea, wherein an exemplary embodiment provides a Part A that comprises between 55 and 75 wt.% of an oligomeric polyol, between 3 and 7 wt.% of an aromatic diamine chain extender, and between 0.1 and 1.5 % of a reactivity catalyst; Part B includes between 1 and 15 wt.% of a short aromatic diisocyanate and between 5 and 35 wt.% of an aromatic diisocyanate prepolymer that is the reaction product of a short aromatic diisocyanate and a diol. The polyurethaneurea system may further comprise an elastomer-surface activator comprising a second short aromatic diisocyanate and a second aromatic diisocyanate prepolymer, wherein at least one of the second diisocyanates may be the same as at least one of the diisocyanates of Part B.

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