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(54) Title (EN): METHOD AND FORMULATION FOR AN ISOCYANATE-FREE FOAM

(54) Title (FR): PROCÉDÉ ET FORMULATION POUR MOUSSE SANS ISOCYANATE

(57) Abstract:

(EN): The presently disclosed subject matter is directed to a method of making a foam. The disclosed formulation has a first part with at least one bicarbonate dispersed in at least one acrylate and a peroxide. The formulation has a second part with at least one acid, an aromatic amine and optionally water and optionally at least one water reducible acrylate. The formulation also includes a surfactant in at least the first part or the second part. The method includes combining the first part and the second part of the formulation to create a froth with a generated gaseous blowing agent. The froth is cured by free radical polymerization to produce a foam.

(FR): L'invention concerne un procédé de fabrication de mousse. La formulation décrite comprend une première partie comportant au moins un bicarbonate dispersé dans au moins un acrylate et un peroxyde. La formulation comprend une seconde partie comportant au moins un acide, une amine aromatique, éventuellement de l'eau et éventuellement au moins un acrylate réductible dans l'eau. La formulation contient également un tensioactif dans au moins ladite première ou seconde partie. Le procédé comprend la combinaison de la première et de la seconde partie de la formulation pour créer une écume à l'aide de l'agent d'expansion gazeux généré. La mousse est durcie par polymérisation radicalaire pour produire une mousse.

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