

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2018/020379

TITLE: METHOD AND FORMULATION FOR AN ISOCYANATE-FREE FOAM

APPLICANT: CRYOVAC, INC.

IPC CLASSIFICATION: C08G71/04, C08J9/00, C08J9/08, C08J9/30

EXAMINER: Buestrich, Ralf

CONSULTED DATABASES: EPODOC, WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: C08G71/04, C08J9/0066, C08J9/08, C08J9/30

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

A method of making a foam, the method comprising:providing a formulation comprising:a first part comprising 15% to 45% of at least one bicarbonate dispersed in 40% to 70% of at least one acrylate, and 1 % to 5% peroxide;a second part comprising 15% to 40% of at least one acid, 1 % to 5% of an aromatic amine, optionally water and optionally at least one water reducible acrylate, wherein the first part is separated from the second part; and 0.05% to 3% surfactant, wherein the surfactant is included in at least one of the first part or the second part;combining the first part and the second part of the formulation to create a froth comprising a generated gaseous blowing agent; andcuring the froth by free radical polymerization to produce a foam.