

Bradford Industries

Muchuma, Ivy, Morose, Gregory, Eliason, Pam

Bradford Industries is a manufacturer of polymer coated products for a wide range of applications. Bradford Industries' manufacturing facility is located in Lowell, Massachusetts. In 2013, Bradford Industries utilized 571,000 pounds of dimethyl formamide (DMF) to solvate, dilute, and clean polymers in their coating operations.

Bradford Industries is seeking assistance from UMass faculty to conduct research on safer alternatives to DMF for use in manufacturing lines using polycarbonate and urethane coatings.

This research would include the identification of potential safer solvents or solvent blends, and the in-depth evaluation of these materials.