

# Efficient Polymerization Inhibition Systems for Acrylic Acid Distillation: New Liquid Phase Inhibitors.

Jaroslav Mosnáček,<sup>1,2</sup> Renaud Nicolay,<sup>1,3</sup> Kishore K. Kar,<sup>4</sup> Stanley O. Fruchey,<sup>4</sup> Michael D. Cloeter,<sup>4</sup> Richard S. Harner,<sup>4</sup> Krzysztof Matyjaszewski<sup>1\*</sup>

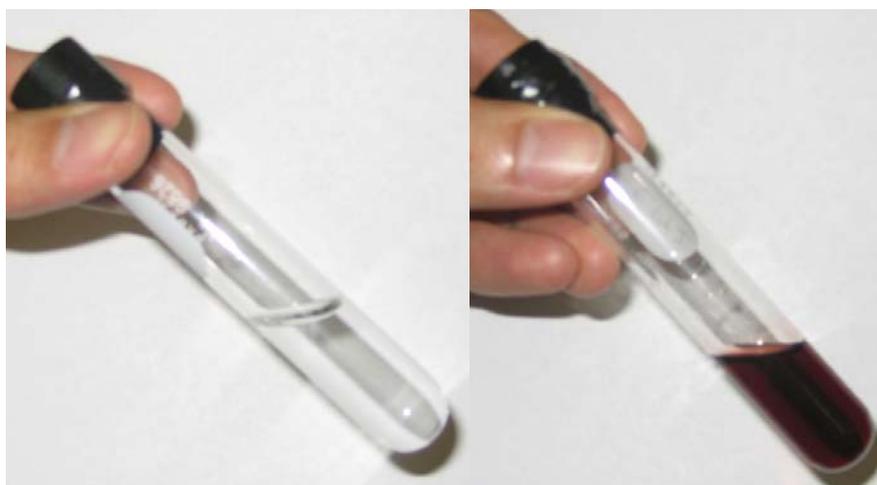
<sup>1</sup> Department of Chemistry, Carnegie Mellon University, 4400 Fifth Avenue, Pittsburgh, Pennsylvania, 15213, USA

<sup>2</sup> Polymer Institute, Centre of Excellence GLYCOMED, Slovak Academy of Sciences, Dúbravská cesta 9, 845 41 Bratislava, Slovakia

<sup>3</sup> Matière Molle et Chimie, ESPCI-CNRS (UMR 7167), 10 rue Vauquelin, 75005 Paris, France

<sup>4</sup> The Dow Chemical Company, Midland, Michigan 48674, USA

SUPPORTING INFORMATION:



**Figure S1:** Acrylic acid before starting the test (colorless) and after 58 hours of heating (dark red color) at 113 °C in the presence of 100 ppm of PTZ.