

**1. STABILIZATION AND PROTECTION OF CELLULOSIC SUPPORTS
WITH A PHOTSENSITIVE POLYMERIC SYSTEM**

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Abstract

The cellulosic supports, coated with films of 1,2-polybutadiene (with and without photoinitiators, namely benzoin derivatives) were treated with UV radiation, in order to enhance the aging properties.

The evaluation of structural changes in photocrosslinkable system was carried out by IR Spectroscopy techniques (Transmission and ATR - Attenuated Total Reflectance). The kinetics of photocrosslinking reactions within protective film has been underlined.