

Photoinitiator for Cationic UV coatings

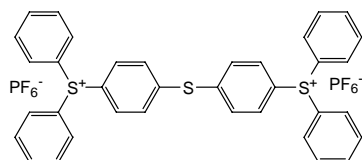
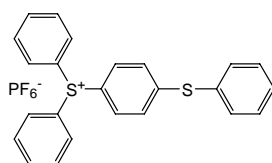
PHOTOINITIATOR

1. General

Chivacure[®] 1190 is a cationic photoinitiator based on sulphonium chemistry which is used to induce the polymerization of epoxides and other cation polymerizable materials upon exposure to UV light. It is compatible with most cationic UV systems and is ideal for thin and clear coatings on metal, plastic, and paper.

2. Properties

Structure :



Chemical name : Diphenyl(4-phenylthio)phenylsulfonium hexafluorophosphate and (Thiodi-4,1-phenylene)bis(diphenylsulfonium) dihexafluorophosphate
 CAS No. : 68156-13-8 (monomer) & 74227-35-3 (dimer)
 Solid content : 40% – 45% in propylene carbonate

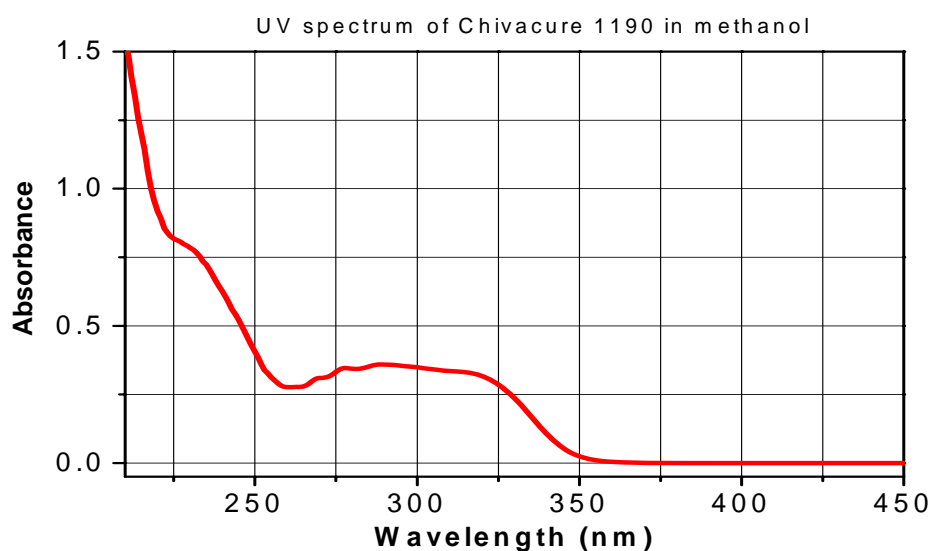
3. Physical Data

Appearance : Yellow liquid
 Odor : Very faint
 Boiling point : 232 °C (499 °F)
 Specific gravity : 1.30 – 1.40 @20 °C
 Viscosity : 100 cps

4. Specification

Appearance : Clear yellow to amber liquid
 Specific gravity : 1.30 - 1.40 @20 °C
 Color (Gardner) : 4 max.
 Water content : 1% max.
 Viscosity : 100 cps max.

5. UV Spectrum



6. Packaging

25 and 200 kg metal drum with PE lining