

Product

June 2022

**Phoenix Photoinitiator PI91 (Cationic)****Product description**

Phoenix PI91 is a versatile highly efficient liquid Photoinitiator which is used to initiate the photopolymerization of cycloaliphatic (=cationic) reactive silicones. It provides a high reactivity and solubility in combination with our cationic RC60 Release Coating. Dependent on the UV Dose and production speed we recommend an addition level of 1 – 2,5%. It is of crucial importance to check whether the substrate does not contain any ingredients which can poison the cationic reaction like: amines, phosphites, etc.

**Features**

- High efficiency
- PI of the hexafluoroantimonate family
- Easy to use
- Low migration potential
- Low odour
- Excellent compatibility with RC60
  
- Appearance: yellowish medium
- Density: 1,08 g/cm<sup>3</sup>
- Reactive ingredients: 50%
- Reactive diluent: C12/C14 Glycidylether
- Viscosity: 140 – 330 mPa.s

**Precautions**

PI91 must be stored in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight. Avoid contact with alkaline additives and water. Subject to appropriate storage under the usual storage and temperature conditions, PI91 is durable for at least 24 months. Should be handled in accordance with good industrial practice.

**Background**

The information is based on our experience. Because of the differences in materials for printing, processing conditions and test criteria this information can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Your own tests with the original materials under the respective conditions are indispensable. We disclaim any liability for applications for which this product is not foreseen. The user must determine under his own production conditions if the product meets his requirements.