

### Product Description

H-Nu 405IL is a general use, broad wavelength liquid blend photoinitiator with easy addition to a **free-radical** curable formulation. It will photoinitiate resins across the UVB, UVA and near-UV visible portion of the light spectrum.

### Advantages

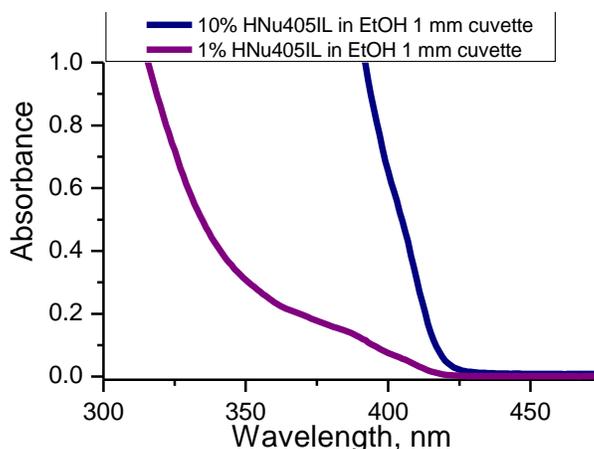
- ✓ Miscible with most aqueous acrylate systems and hydrogels
- ✓ Easy to incorporate liquid, minimizes downtime arising from solubility issues
- ✓ Provides moderate cure speed to produce hard polymer from acrylate containing monomers and resins, as well as aqueous solutions, like hydrogels.
- ✓ Capable of significant depth of cure, > 1inch
- ✓ Cure through UV opaque or pigmented substrates (including TiO<sub>2</sub>)
- ✓ No other co-initiators required

### Photoinitiator Usage Recommendations

- ✓ Test several concentrations in a “ladder” study between 1 - 5 wt.% to achieve best results

### Typical Properties

Property	Test Method	Typical Value
Appearance	Visual	Light Yellow Liquid



### Disclaimer

The materials in this brochure are not intended for use in products which would be regulated by the Food and Drug Administration (FDA) unless the finished product is tested in accordance with the applicable safety requirements. Spectra Photopolymers is not able to recommend these materials for such uses and assumes no liability for any such use. Technical advice furnished by the seller shall not constitute a warranty or condition, statutory or otherwise, which is expressly disclaimed, all such advice being given and accepted is at the buyer's risk. Data and results that the user or buyer achieves may differ. Optimization, scale-up and product performance are the responsibility of the buyer or user.