

### Product Description

H-Nu 470LT5 is a broad wavelength liquid blend photoinitiator with easy addition to a **free-radical** curable formulation. It will rapidly photoinitiate resins across the UVB, UVA and near-UV visible portion of the light spectrum.

H-Nu 470LT5 has broadened absorbance in the visible range and improved tack-free surface cure using 365 and 395 nm LED lamps.

### Advantages

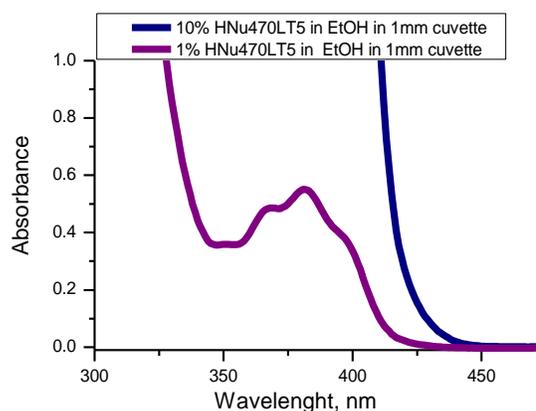
- ✓ Easy to incorporate liquid, minimizes downtime arising from solubility issues
- ✓ Provides photopolymerization in monomers and oligomers containing activated double bond (ex, acrylates, methacrylates) with improved dry surface
- ✓ Time and energy savings when one-pass thick cure can replace thin multilayers coatings
- ✓ 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
Absorbance Maximum	UV Visible spectroscopy	380 nm
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.