

Irgastab[®] UV 22

Product Description	Irgastab UV 22 is an in-can stabilizer that inhibits early polymerization in UV curable ink and coating formulations.
Key Features & Benefits	- Highly miscible in acrylate monomers and oligomers
Chemical Composition	Quinone derivative in propoxylated glycerol tri-acrylate (GPTA)

Properties

Typical Properties	Appearance	clear, viscous, yellow to amber liquid
	Content of CXA 6007	% 13.0 – 15.0
	Appearance	clear, yellow to amber liquid
	Miscibility at 25°C – in all proportions with most acrylate monomers and oligomers	

These typical values should not be interpreted as specifications.

Application

General	<p>Irgastab UV 22 is an in-can stabilizer that acts as a polymerization inhibitor to help prevent the degradation of UV curable compositions. In addition, it helps to preserve shelf life stability.</p> <p>Irgastab UV 22 is recommended for:</p> <ul style="list-style-type: none">• Printing ink formulations• Coating formulations
Processing	<p>It is generally not recommended to add more than 2.0% by weight of this additive because this may have a negative impact on the curing performance of the formulations. The final dosage should be determined experimentally in order to obtain an optimized balance between the stabilization effect and the curing performance.</p>
Recommended Concentrations	<p>A usage level of 0.2 – 1.5% by weight of the final formulation is recommended. A preferred starting point is 0.5% by weight of the final composition.</p>

Safety

General	<p>The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.</p>
Safety Data Sheet	<p>All safety information is provided in the Safety Data Sheet for Irgastab UV 22.</p>

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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