

Technical Data Sheet

## Benox<sup>®</sup> L40-LV

### DESCRIPTION

Benox<sup>®</sup> L-40LV is a low viscosity, sprayable dispersion of dibenzoyl peroxide. Benox<sup>®</sup> L-40LV is specifically designed for use in “curing” unsaturated polyester and vinyl ester resins and offers the following advantages:

- Low water content
- Faster gel to peak than MEKP systems
- Lower exotherm than MEKP systems
- Less “packing” in spray equipment designed/modified for spraying dibenzoyl peroxide dispersions

### TYPICAL PROPERTIES

Dibenzoyl Peroxide:	40.0%
Active Oxygen:	2.64%
Water Content:	12%
Color:	White
Specific Gravity @ 25°C	1.2
Viscosity: (Brookfield HBT #4 Spindle)	~1000 cps (25°C)
SADT:	122°F (50°C)
Storage temp:	Max 80°F (27C)

### APPLICATION

Benox<sup>®</sup> L-40LV is low viscosity dispersion and may separate slightly on standing. It will remix easily and should be stirred immediately prior to use. Continuous stirring during use in spray equipment will maintain a uniform dispersion. Benox<sup>®</sup> L-40LV may be flushed from spray equipment using isopropanol, methanol or acetone followed by soap and water.

To successfully spray Benox<sup>®</sup> L-40LV through equipment normally used for MEKP, the catalyst delivery system **must** be modified. Spray equipment suppliers can recommend the proper modifications for their equipment.

Under normal spray equipment operating conditions, Benox<sup>®</sup> L-40LV should not be expected to separate and “pack” in the catalyst delivery systems. However, when the system is shut down for long periods of time (i.e. overnight), and there are no provisions to recirculate the Benox<sup>®</sup> L-40LV, the catalyst section should be depressurized.

## **PACKAGING, SHIPPING & AVAILABILITY**

- The standard package sizes of Benox® L40-LV are cases of 4x8 lb. polyethylene bottles; and 44 lb. or 20 kg Hedpacks. For custom package sizes, please contact your local distributor or United Initiators SPI, Inc.
  - Classification – Please refer to the specific Benox® L40-LV Safety Data Sheet under section 14, Shipping Description.
  - Benox® L40-LV is available through a nation-wide distributor network. Call United Initiators SPI, Inc. for the name of the distributor in your area.
- **NOTE:** SDS's for all our products may be requested thru the website [www.syrgispi.com](http://www.syrgispi.com)

### **Disclaimer**

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