

**Technical Data Sheet**

# NOROX<sup>®</sup> SHP-40

## DESCRIPTION

Andonox<sup>®</sup> SHP-40 is a clear to pale yellow liquid of a peroxide formulation based on acetyl acetone peroxide and a peroxyester diluted in phlegmatizer.

## TYPICAL PROPERTIES

Active Oxygen:	1.7 – 1.9%
Form:	Liquid
Color:	Water white to staw
Specific Gravity @ 25°/4°C:	1.08 – 1.12
Flash point (SETA C.C.):	149°F (65°C)
SADT:	140°F (60°C)
Soluble in:	Oxygenated organic solvents
Slightly soluble in:	Water
Storage temp:	Max 77°F (25°C)

## APPLICATION

Andonox<sup>®</sup> SHP-40 in combination with cobalt accelerated resins has shown to be an exceptionally good cure system for unsaturated polyesters both at ambient and elevated temperatures. Levels of cobalt (naphthenate or octoate in 1% solutions) should be in the range of 0.1 to 1.0%. The advantages of using Andonox<sup>®</sup> SHP-40 instead of MEKP initiators are that you get a more complete cure, reduced residual styrene and stronger parts. Compared to a standard AAP you get a similar gel time, somewhat higher peak exotherm but the final cure is better. Typical applications for Andonox<sup>®</sup> SHP-90 are manufacturing processes like RTM, filament winding, centrifugal casting and continuous laminating.

## **PACKAGING, SHIPPING & AVAILABILITY**

- The standard package sizes of Andonox<sup>®</sup> SHP-40 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 Norox<sup>®</sup> Andonox<sup>®</sup> SHP-40 Safety Data Sheet under section 14, Shipping Description.
  - Andonox<sup>®</sup> SHP-40 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.syrqispi.com](http://www.syrqispi.com)

### **Disclaimer**

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