

**LOCATIONS**

Englewood, NJ, USA  
Carlstadt, NJ, USA  
Grasse, FRANCE  
Auggen, GERMANY  
Shanghai, CHINA



## UNISORB™ 90

### ANTI-OXIDANT + THERMAL STABILIZER

A proprietary blend that provides excellent heat stability and resistance to oxidation.

#### USAGE

The general recommended loading concentration range varies between 0.05% and 0.1%, depending on the substrate, processing conditions, and long-term stability requirements.

Unisorb 90 can be used for the stabilization of plastics and wax based products:

- Natural & Synthetic Waxes
- Polyurethanes
- PP Injection Molding
- LDPE, HDPE Polymers
- PVC, PUR, PA Articles
- Polyacetals, Polyamides

*(Any application should be thoroughly investigated according to the specific conditions of use.)*

#### KEY BENEFITS

- Provides synergistic protection against color degradation when used with proper FCF UV Light Absorbers.
- Compatible with waxes and other low-volatile materials.
- Prevents yellowing of wax-based products due to excessive heating.

#### CONTACT INFORMATION

[sales@frenchcolor.com](mailto:sales@frenchcolor.com) | +1 201-567-6883 | [www.frenchcolor.com](http://www.frenchcolor.com)

# UNISORB 90 ANTI-OXIDANT + THERMAL STABILIZER

## CHEMICAL AND PHYSICAL CHARACTERISTICS

Form ..... White powder

Odor ..... Odorless

Flash point ..... >150°C

### Solubility

Water ..... Insoluble

Vegetable Oils ..... Mostly Soluble

Natural Wax ..... Mostly Soluble

Synthetic Wax ..... Mostly Soluble

## APPLICATIONS

When combined with other FCF UV Light Absorbers, "full range" color protection can be achieved.

Normal concentration of use is 0.05% - 0.1%.

The concentration required for optimum performance depends on the formulation, thickness of substrate and the desired service life. Experimental trials should be performed to determine the optimal load

## TRANSPORT, STORAGE & HANDLING

Please check regional requirements for labeling protocol. Store in the original closed containers in a dry cool place. Protect from light.

**For further information, please refer to safety data sheet.**

The information contained on this sheet corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. FCF makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of these products is responsible for determining the suitability of FCF's products for its particular application. Any existing intellectual/industrial property rights must be observed. Neither do we assume any responsibility for infringement of third parties patent rights which may arise from the use of the product. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing FCF products. For industrial use only. For additional information, please contact FCF.