

# Smith's

## Product Data Sheet

# EPOXY ADDITIVE U.V. ABSORBER

UVA-PDS-031121

**DESCRIPTION:** Smith's Epoxy U.V. Absorber additive enhances the durability and extends the service life of the epoxy film by absorbing UVA radiation thus lessening U.V. light degradation (i.e. Yellowing, Chalking, Cracking, etc.). For use in 100% Solids Epoxy, such as Smith's Epoxy UCE200 or Smith's Epoxy U100.

### RECOMMENDED USES:

- Residential, Retail & light Commercial applications
- Matrix for Metallic & Luster coatings
- Matrix for broadcast systems - Vinyl Chip or Color Quartz
- Matrix for solid colors (optional for high natural light exposure)

### HIGHLIGHTS:

- Absorbs UVA Rays
  - Slows epoxy degradation caused by Ultra Violet light radiation
- Extends service life of decorative epoxy
- Improves clarity of clear & metallic epoxy coatings

**STORAGE:** Indoors between 40°F (4.4°C) to 100°F (37.7°C)

### SUBSTRATE APPLICATION TEMPERATURE:

60°F (15.5°C) to 95°F (35°C)

### SHELF LIFE:

- Original, unopened containers = 2 Years
- Opened Containers = 30 Days

### PACKAGE SIZE:

SCS-EUVA-0004 4 fl.oz. Bottle

### PROPERTIES:

Property	Test Method	Results
U.V. Exposure Unit	ASTM G154-1	*Results in photo
Color		Yellow
VOC's	ASTM D3960	Zero (0) g/L
Volume Mix Ratio		Add 1% by Volume to mixed 100% solids epoxy



### LIMITATIONS:

- Smith's Epoxy U.V. Absorber additive (sold separately) can be used to lessen U.V. damage / discoloration but not completely eliminate epoxy damage discoloration over time
- For use in 100% solids epoxy only

### MIXING:

Add 1 bottle (4 fl.oz.) to 3 gallons of 100% solids epoxy while mixing Part A with Part B using a low speed (<450 RPM) drill with paint mixing paddle attached for 2 to 3 minutes. "Stick" mixing is not recommended.

If part mixing by volume, add 1% of Smith's Epoxy U.V. Absorber to total volume of mixed liquid epoxy product. For example:

- ¾ gallons epoxy = 1 oz. of Smith's Epoxy U.V. Absorber
- 1 ½ gallons epoxy = 2 oz. of Smith's Epoxy U.V. Absorber

For use in the following Smith Paint's epoxy products:

[Smith's Epoxy UCE200](#) [Smith's Epoxy GEL150](#)  
[Smith's Epoxy U100](#) [Smith's Epoxy GEL150/FC](#)  
[Smith's Epoxy FC125](#) [Smith's Epoxy SLS100](#)  
Smith's Epoxy HD-100 Color Quartz Mortar system

Application method varies depending on the coating system. See epoxy product data sheet for detailed instructions.

### NOTE:

- DO NOT TURN THE MIXING VESSEL UPSIDE DOWN ON THE SUBSTRATE TO ALLOW THE RESIDUAL PRODUCT TO DRAIN ONTO THE FLOOR TO AVOID THE RISK OF ANY UNMIXED OR NON-THOROUGHLY CATALYZED PRODUCT FROM THE SIDES AND BOTTOM OF THE MIXING VESSEL FROM REACHING THE FINISHED FLOOR. Best practice, pour contents of mixing vessel into a new container, mechanically stir to ensure thorough blending then transport to the floor for application
- It is best practice to "box" color packs, especially if using color packs from multiple batches, to ensure consistent solid colors

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