

# TECHNICAL DATA

## Desothane® HS CA 8800CTR Solvent Reducer

### Description

CA 8800CTR is a solvent reducer designed for use during hot weather conditions. This thinner is used exclusively with Desothane® HS High Solids Buffable Polyurethane Topcoats / CA 8800 series (except clearcoats). When properly mixed, CTR thinner has demonstrated improved flow characteristics, film properties and increased wet edge when external temperatures exceed 85°F (29°C).

For further details on application parameters, contact your local PPG Aerospace Application Support Center.

### Physical Constants

Weight/gallon	7.00 ± 0.2 lbs/gal
VOC	874 g/l (7.28 lbs/gal)
Flash point	110°F (43°C) seta flash
Appearance	Clear liquid
Shelf life	DeSoto Standard - 24 months from date of manufacture when stored between 50°F to 90°F (10°C to 32°C) in original, unopened containers.

**Note:** The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

### Mixing Instructions

1. Desothane® HS Buffable Polyurethane Topcoats / CA 8800 series require the use of CA 8800CT thinners. Desothane® HS Buffable System Solvent reducer, CA 8800CTR, is used as replacement thinner for CA 8800CT.
2. Mix two parts CA 8800 base component to one part CA 8800CTR solvent reducer. Mix well to a uniform consistency. Add CA 8800Z activator component to the mixture under constant agitation until uniform.
3. Do not use CA 8800CTR solvent reducers with any other PRC-DeSoto International polyurethane or epoxy products.

### Dry Times

- When CA 8800 series topcoats are properly mixed with CA 8800CTR solvent reducers and spray applied, allow 30 to 60 minutes between coats at 80°F (27°C).
- Times between coats are dependent upon temperature, film thickness and airflow.
- Film properties are not affected by humidity.
- When CA 8800 series topcoats are properly mixed with CA 8800CTR solvent reducers the pot life of CA 8800 will not be affected.
- Dry-to-tape @ 85°F (29°C) CA 8800 w/CA 8800CTR is 8 to 10 hours

### Storage Life

Inspect the condition of the container to ensure compliance to FED-STD-141, Method 3011.1. The material should be stored at temperatures between 40°F to 115°F (4.4°C to 46.1°C) to ensure shelf life.

### Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

**Additional information can be found at:**  
[www.ppgaerospace.com](http://www.ppgaerospace.com)

**For sales and ordering information call**  
**1-800-AEROMIX (237-6649).**

# Desothane<sup>®</sup> HS CA 8800CTR Solvent Reducer

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