



# TOPSHIELD® CATALYST

A Single Component, Proprietary, Liquid Catalyst to Reduce Cure Time for Topshield® Topcoats in Cold Weather

## 1.01 DESCRIPTION

Topshield® Catalyst is a single component, proprietary, organometallic, liquid catalyst which reduces the cold weather cure time of aromatic, urethane-polyurea coatings. Topshield® Catalyst is added to Topshield® topcoats. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

## 1.02 FEATURES

- Allows Coatings to Be Applied in Cold Weather to 40-50°F (4.44-10°C)
- Speeds Cure Times

## 1.03 TYPICAL USES

Topshield® Catalyst may be used to accelerate cure time in cold weather applications.

## 1.04 COLOR

Clear

## 1.05 PACKAGING

1 ounce (20 grams) per vial  
1 quart (0.95 liter) per can

## 1.06 MIXING

Mix Topshield® Catalyst into Topshield® topcoat by using a mechanical mixer (Jiffy Mixer) until a homogeneous mixture and color is attained or for at least 5 minutes, if mixed by hand.

0.2-0.6 ounces (5.9-17cc) of Topshield® Catalyst per 1 gallon (3.78 liters) can of Topshield® topcoats

1-3 ounces (30-90 cc; 1-3 vials) of Topshield® Catalyst per 5 gallon (18.9 liters) pail of Topshield® topcoats

## 1.07 CURING

Under optimum conditions, coating will be ready for light traffic in 24 hours and heavy traffic within 72 hours. Recoat window time is maximum 24 hours, beyond which surfaces must be reprimed.

## 1.08 EQUIPMENT CLEANUP

Equipment should be cleaned immediately after use with an environmentally-safe solvent, as permitted under local regulations.

## 1.09 SHELF LIFE AND STORAGE

Topshield® Catalyst has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

## TECHNICAL DATA

|  |                           |
|--|---------------------------|
| Specific Gravity                             | 1.008 + 0.05              |
| Total Solids by Weight, ASTM D-2369          | 100%                      |
| Total Solids by Volume, ASTM D-2697          | 100%                      |
| Viscosity at 75°F (24°C)                     | 100 ± 50 cps              |
| Volatile Organic Compounds<br>ASTM D-2369-81 | 0 lbs/gal<br>(0 gm/liter) |

## 1.10 LIMITATIONS

- Excessive Topshield® Catalyst will result in a reduction of the physical properties of the topcoat.
- Adding excessive amounts of Topshield® Catalyst may result in foaming.
- Containers that have been opened must be used as soon as possible.
- Do not dilute under any circumstance.

**WARNING: This product contains curatives.**

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