



# 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. Be sure to use the right product grade that complies with VOC regulations as per federal, state, statutory bodies, county and city regulations/codes at the place of installation of product.

## 1.02 FEATURES

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

## 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

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

## 1.06 MIXING

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

## 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 with an environmentally safe solvent, as permitted under local regulations, immediately after

## 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, ASTM D-2369-81	0 lbs/gal 0 gm/liter

use.

## 1.09 STORAGE

Topshield® Catalyst has a shelf life of one (1) year from date of manufacture when stored indoors at a temperature between 60°F to 95°F (15°-35°C) in original, factory-sealed containers.

## 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.**

Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. PSI Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with the PSI Products or have undergone training in application of PSI Products. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data, instructions, and project specific recommendations.

**LIMITED WARRANTY**

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical properties. PSI warrants that its products, when properly installed by a state licensed waterproofing contractor according to PSI guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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