



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, statutory bodies, 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 obtained 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 with an environmentally-safe solvent, as permitted under local regulations, immediately after use.

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 ASTM D-2369-81	0 lbs/gal (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.

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.

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