



# CHEM-THANE 4345

**INTERIOR OIL  
MODIFIED CLEAR  
SATIN URETHANE  
VARNISH**

## TECHNICAL PRODUCT BULLETIN

### PRODUCT DESCRIPTION AND USES

### PRODUCT DATA

**CHEM-THANE 4345** is a clear satin finish oil modified urethane varnish for use on cabinets, stained wood surfaces, doors, trim, molding, paneling, plywood, furniture and low traffic floors. This coating offers good chemical resistance with excellent washability characteristics. It has excellent flexibility and will pass a 1/8 inch mandrel at 1.5 mils dft.

**CHEM-THANE 4345** can be applied on vertical surfaces and will not sag when applied at 4-6 mils.

When used as a sealer on bare wood, thinning with Mineral Spirits up to one pint per gallon is recommended.

The high flash point of **CHEM-THANE 4345** makes the product safer for interior uses than products with lower flash points.

This product does not contain any solvents which are considered HAPS (Hazardous Air Pollutants).

**CHEM-THANE 4345** is not recommended to be used over sealers containing stearates.

**CHEM-THANE 4345** also meets the requirements of **MPI #57**.

VOC Content:  
**3.33 lbs. per gal./400 grams per liters**

Type of Material:  
**Oil modified urethane**

Volume Solids:  
**40%**

Estimated Coverage:  
**642 sq. ft./gal @ 1.0 mils DFT Theoretically**

Recommended Film Thickness:  
**1 - 2 mils DFT**

Method of Application:  
**Spray, brush, or roller**

Number of Coats:  
**One or two as required**

Thinner and Clean Up Solvent:  
**Aliphatic hydrocarbons**

Shelf Life:  
**1 year from DOM @ 75°F**

Pot Life:  
**N/A Single Component**

Dry Time:  
**6 hours hard maximum; 2 hours to touch**

Flash Point:  
**100°F minimum (38°C)**

Color and Gloss:  
**Clear; Satin: 20-40**

Mixing Ratio:  
**Single Component**

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## DIRECTIONS FOR USE

### SURFACE PREPARATION:

Surface to be coated must be sound, intact, dry and clean prior to application. A light surface profile is desirable.

### MIXING:

Material should be thoroughly mixed with mechanical agitation prior to use. Boxing from one container to another allows a uniform mixture.

### APPLICATION;

May be applied by brush, roller, airless, or conventional spray. Apply in even wet coats. Surfaces must be thoroughly dry prior to application. On rough or textured surfaces, multiple coats may be required to ensure complete coverage. Use as is for brush or roller application. Up to 1 quart of thinner for five gallons material may be used for spraying.

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