



# CHEM-THANE 2822HS

MIO MOISTURE  
CURED URETHANE  
FINISH COAT

## TECHNICAL PRODUCT BULLETIN

### PRODUCT DESCRIPTION AND USES

**CHEM-THANE 2822HS** is a single component, moisture curing, urethane coating which contains Micaceous Iron Oxide pigments. It is intended as a finish coat in a coating system for use in areas that require outstanding weather and chemical resistance.

**CHEM-THANE 2822HS** is a high solids, VOC compliant coating and does not contain lead or chromate pigments. This coating forms part of a urethane system which can be applied at high humidities and at low temperatures. Application can be achieved at humidities as high as 99% and temperatures as low as 20°F. The high level of Micaceous Iron Oxide provides an extra barrier of corrosion resistance in addition to the wide range of chemical resistance.

**CHEM-THANE 2822HS** is an extremely hard abrasion resistant coating. It makes an excellent coating for concrete floors when used directly on concrete.

**CHEM-THANE 2822HS** conforms to USDA regulations for incidental contact with food.

**CHEM-THANE 2822HS** meets the requirements of SSPC-PAINT 38.

### PRODUCT DATA

VOC Content:  
**2.75lbs/gal; 330 grams/liter**

Type of Material:  
**Moisture-Cured Urethane**

Volume Solids:  
**61.0% + or - 2.0%**

Estimated Coverage:  
**978 sq. ft./gal. @ 1 mil DFT**

Recommended Film Thickness:  
**2.5-3.5 mils DFT, as required**

Method of Application:  
**Spray preferred; Brush or roll small areas**

Number of Coats:  
**One**

Thinner and Clean Up Solvent:  
**T-100**

Shelf Life:  
**One year from DOM**

Pot Life:  
**Single Component**

Dry Time:  
**30 mins to touch; 4 hrs to recoat**

Flash Point:  
**100°F minimum**

Color and Gloss:  
**Most colors except pastels and bright; low gloss**

Mixing Ratio:  
**Single Component**

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## **SURFACE PREPARATION**

**CHEM-THANE 2822HS** should be applied over properly prepared and primed surfaces. It is recommended as the finish coat in a high performance system but is also suitable for direct to metal surfaces.

## **APPLICATION INSTRUCTIONS**

Spray application is preferred, however brush and roll application is acceptable with proper care and equipment.

5 wet mils results in 3 dry mils.

Recommended airless tip size .019 - .023.

Dry times are dependent upon humidity, temperature and film thickness. Low humidity, higher film builds or lower temperatures can extend cure times.

**DO NOT APPLY ON SURFACES OF ICE OR VISIBLE WATER.**

## **MIXING**

Thoroughly mix contents of container prior to use. Use of thinner should be determined by VOC requirements.

Material should be power mixed using gentle agitation to prevent moisture inclusion. Do not box or pour material from one container to another.

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