



CHEM-THANE 2821

MIO MOISTURE
CURE URETHANE
INTERMEDIATE COAT

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

CHEM-THANE 2821 is a single component, moisture cure urethane coating which contains Micaceous Iron Oxide pigments. It is intended as an intermediate coat in a high performance weather and chemical resistant urethane system.

CHEM-THANE 2821 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. It contains a minimum of four pounds of micaceous iron oxide per gallon.

CHEM-THANE 2821 is an extremely hard abrasion resistant coating. It is ideally suited for usage such as bridges, tanks, locks and dams, marine structures and vessels and general industrial maintenance.

CHEM-THANE 2821 can be applied at low temperatures down to 20 °F and humidities up to 99% with no dew point restrictions.

CHEM-THANE 2821 meets USDA requirements for incidental contact with food surfaces.

CHEM-THANE 2821 meets the requirements of SSPC-PAINT 41 and MPI #201.

PRODUCT DATA

VOC Content:
2.75 lbs/gal; 326 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:
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, no recoat maximum

Flash Point:
100°F minimum

Color and Gloss:
Reddish-Grey, Greenish-Grey, Aluminum Grey; Matte

Mixing Ratio:
Single Component

PHONE: (757)899-3807
FAX: (757)899-3907
E-MAIL:INDMAR@EARTHLINK.NET

IndMar Coatings Corp.
P.O.Box 456
Wakefield, VA 23888

SURFACE PREPARATION

CHEM-THANE 2821 should be applied over properly prepared and primed surfaces. It is not recommended for direct application to metal surfaces.

CHEM-THANE 2821 can be used directly over existing paint systems which have been properly cleaned as an overcoat. It is ideal for overcoating existing lead-based paint.

MIXING

Thoroughly mix contents of container prior to use. Use of thinner should be determined by VOC requirements. Do not use any thinners in areas which require maximum VOC contents of 340 grams per liter or 2.8 pounds gallons. Do not use any thinner other than the thinner recommended by the manufacturer.

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

APPLICATION INSTRUCTIONS

Spray application is preferred.

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.

CHEM-THANE 2821 is not suitable for exterior use without topcoating.

Although there is no maximum recoat time, aged films must be properly cleaned before application of succeeding coats.

Recoat times can be reduced to 30 minutes with the use of **ACCURE**.

This material is for industrial use only. See Material Safety Data Sheets for handling, storage, disposal and use. **NON-WARRANTY:** The information herein is based upon the best information available at time of printing and data provided are intended for those having skill and ability to use products as recommended. IndMar Coatings assumes no warranties, either implied or expressed, as to the purchase or application of these products, with the sole exception that if the Seller delivers off standard materials, the Seller will, at its option, either replace the material or refund the full purchase price. Nothing contained herein shall be construed as a recommendation to use this product in conflict with any existing patent.