



CHEM-THANE 2955

MOISTURE CURE
URETHANE RUSTY
METAL PRIMER/FINISH
ALUMINUM

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

CHEM-THANE 2955 Moisture Cure Urethane Primer/Finish is a reinforced single component primer suitable for use on surfaces where it is not practical to prepare the substrate by abrasive blasting methods. It may be used on tanks, bridges, and void areas of vessels over tight, intact existing surfaces, including rusted metal. As a Moisture Cure Urethane, it has exceptional abrasion resistance which makes it suitable for undersides of railcars and vehicles.

CHEM-THANE 2955 can be applied at low temperatures down to 0° F. and at very high dew points as long as no condensation exists on the substrate.

This product incorporates a high level of a surface tolerant anticorrosive pigment which has a platy structure to prevent rust migration which provides long term anticorrosive properties when applied over intact rusty metal. If recoating is required, contact manufacturer since the product has a limited recoat window. Available at 0 VOC upon special request.

PRODUCT DATA

VOC content:
2.8 lbs/gal; 340 grams/liter maximum

Type of Material:
Moisture Cured Polyurethane

Volume Solids:
65%

Estimated Coverage:
1043 sq. ft. /gal @ 1 mil DFT

Recommended Film Thickness:
2.0 -2.5 mils DFT

Thinner and Cleanup
Aromatic Hydrocarbons

Number of Coats:
1 or 2 as required

Sag Resistance:
5 mils minimum

Recoatability @ 77°F:
4 hours to 5 days

Pot Life:
N/A Single Component

Dry Time:
1 hr to touch; 2 hrs to handle

Flash Point:
100°F minimum closed cup

Color and Gloss:
Aluminum; Gloss, Semi-Gloss, Satin, Matte

Mixing Ratio:
Single Component

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SURFACE PREPERATION

Substrate to be coated must be clean, dry, and free from flaking rust or loose hard existing paint. Surface preparation or high pressure water washing is acceptable.

MIXING

This material is for industrial use only. See **CHEM-THANE 2955** is a single component product which cures by the presence of moisture. Open only cans that will be used during the work shift. Agitate with mechanical agitation at slow speed to avoid incorporation of moisture.

Do not thin if VOC Regulations are effective. Do not add thinner to reduce viscosity increase to partial containers remaining from previous work.

APPLICATION INSTRUCTIONS

Can be applied by spray, brush, or roller.

SPRAY:

Conventional

Spray Guns:	Fluid Tip:	Air Cap:
DeVilbiss-MBC 510	E	765
Binks - Model 18	66	63PB

Airless Spray Guns:

Graco - 30:1 ratio with golden gun or Speeflo Commander 30 with H Gun - .013 or .015 orifice.

TEMPERATURES

	Material	Surfaces	Ambient	Humidity
Normal	60-85°F (16-29°C)	60-85°F (16-29°C)	60-85°F (16-29°C)	40-50%
Minimum	50°F (10°C)	40°F (4°C)	40°F (4°C)	10%
Maximum	100°F (38°C)	120°F (49°C)	95°F (35°C)	80%

Do not apply when the surface temperature is less than 5°F (or 2° C) above the dew point.

Care must be taken to clean spray lines after use to keep material from hardening.

Use #42 thinner for clean-up.

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.