

FORMGARD TJ

High performance rust inhibitor and precast concrete form release agent.

Meets Federal VOC requirements: **Formgard TJ 450**

HOW IT WORKS

When applied, FORMGARD TJ chemically reacts instantly with surface moisture, forming a waxy, protective coating that is both chemically and physically welded to the form surface.

APPLICATIONS

- ◆ Use on steel forms as a rust inhibitor between pours or during storage.
- ◆ Also for use as a high performance concrete form release agent in precast applications.

ADVANTAGES

- ◆ Excellent rust inhibitor for steel forms and equipment. Provides rust protection for up to 6 months for forms and equipment in storage.
- ◆ The polymerized film produced is highly water resistant, even to the corrosive effects of salt water, and resists removal by temperatures as high as 250° F (135° C).
- ◆ Dries rapidly, in approximately 20 minutes.
- ◆ Forms can be cleaned with water or low pressure steam without affecting applied product.
- ◆ Protective film does not attract or hold dust.
- ◆ Can also be used as a release agent in precast applications - does not require removal prior to use.

▲ PRECAUTIONS ▲

- ◆ Formgard TJ exceeds the maximum allowable federal architectural coating VOC for form release agents of 450 g/L. Accordingly, FORMGARD TJ is limited to use in shop applications. **Formgard TJ 450** meets federal VOC requirements.
- ◆ Do not dilute.
- ◆ Not recommended for application to aluminum forms.
- ◆ Do not pour unused FORMGARD TJ back into the original container.

USE INSTRUCTIONS

- ◆ Request current product literature, labels and material safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- ◆ Apply with sprayer, brush or roller. Spraying is recommended for large surfaces.
- ◆ Ready to use. Do not dilute.
- ◆ Typical application rate is 1,500-2,000 sf/gal (37.5-50.0 sm/L). For prolonged in-storage rust prevention, especially on abrasive blasted metal and other porous surfaces, apply a second coat at the same coverage rate after one or two hours.
- ◆ Forms should be thoroughly cleaned and dried before applying FORMGARD TJ prior to storage.
- ◆ Empty sprayers after use and thoroughly rinse with mineral spirits.

TECHNICAL DATA

	Formgard TJ	Formgard TJ 450
Color, ASTM D-2300	1-1.5	1-1.5
Density	6.8 lbs./gal.	7.2 lbs/gal
Viscosity, ASTM D-88	50 SUS @ 100°F (38°C)	60 SUS @ 100°F (38°C)
Solidifies at	-15°F (-26°C)	-15°F (-26°C)
Flash Point	>100° F	>100° F
VOC	<620 g/L	<450 g/L

FORMGARD TJ

Form Treatments



chemical solutions to concrete problems

PACKAGING

Packaged in 5 gal (19 L) pails and 55 gal (208 L) drums.

SHELF LIFE

Shelf life is one year. Use before the "USE BY" date stated on product packaging.

HANDLING/STORAGE

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.