

Product name INNOPOXY

File number 546-443

PRODUCT FAMILY Metal primer

DESCRIPTION Two components epoxy primer recoatable after thirty minutes

INTENDED USES Used as primer in a coating system formulated to protect ferrous substrates against corrosion. Can be used as a primer to improve global performance of the coating system applied over different kinds of substrates : Non ferrous metals, plastics, wood and composite. Some substrates need particular surface preparation, consult Laurentide technical team. The short time before top coating allow the use of this primer on large capacity production lines. Especially recommended as a primer under urethane and waterborne top coats.

PRATICAL INFORMATION

Color Gray. Can be customized upon request.

Gloss level 10% 60 deg.

Volume solids 35%

Film thickness 5,0-6,0 mils wet, 1,5-2,0 dry

Viscosity N/A

Theoretical coverage 148,5 sq. feet/l at 1,0 mil dry film

Pratical coverage Consider the appropriate loss factor in accordance with the application equipment and technique.

Drying time (75°F 50% relative humidity)

Dry to touch
60 Minutes

Dry to handle
90 Minutes

Hard Dry
8 Hours

Overcoating interval with recommended topcoats

Minimum: 30 Minutes

Maximum: 48 Hours

PRODUCT CHARACTERISTICS

Excellent corrosion resistance.

Excellent adhesion over different substrates.

No lead, no chrome or chromate.

Can be recoated after 30 minutes by top coat.

Good flow allowing high quality finishes.

SYSTEM'S COMPATIBILITY

Ideal primer for urethane and waterborne top coats. Can be recoated with any type of paint.

REGULATORY DATA

Flash Point N/A

Product weight 0 litre = 0 kg

VOC 486 g/l

APPLICATION DATA

Mixing and Ratio 2 parts 546-441 1 part 546-442 (by volume)

Pot life 8 Hours

Airless spray Recommended Tip 0,011" - 0,015" Pump 1500 - 2000 psi

Air spray	Recommended	Tip 0,070" air 35-45 psi
Electrostatic application	Recommended	Air spray or airless
Other equipment	For small surfaces brush or roller	
Thinner	Methylisobutylketone (MIBK) 498-026	
Instructions for shutdowns or longer stops	Flush the equipment with MIBK or lacquer thinner 510-105.	
Cleaner	MIBK or thinner lacquer	
Clean up	Flush and wash the equipment with MIBK or lacquer thinner, dry with compressed air jet.	

SURFACE PREPARATION

Surface must be clean, dry and in good condition. Remove oil, dust, dirt, loose rust and other foreign material to ensure good adhesion. Sharp angles must be rounded. Sand or buff burrs. Weld must be mechanically treated. Remove oxide from laser cuts.

Iron and Steel

Remove oil and grease from surface with cleaning solvent 510-107 according to SSPC-SP 1. Usual surface preparation is commercial blast per SSPC-SP 6/NACE 3. It is possible to prepare surface per SSPC-SP 2 for less severe exposures. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum

Remove all oil, grease, dirt, oxide and other foreign material by solvent cleaning per SSPC-SP 1. Use cleaning solvent 510-107. Remove the oxide layer mechanically (sanding) or with chemical products.

Galvanized steel

Solvent clean as per SSPC-SP 1 with cleaning solvent 510-107 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blast per SSPC-SP 7. Reapply a patch test and wait one week before testing adhesion. If you are not sure with the result, contact Laurentide Industrial technical services.

ADDITIONAL INFORMATION

This product is dedicated for an industrial use. Any activity related to the application of this product and waste disposition must be made in accordance with the national rules and regulations in regards to health, safety and environment.

SAFETY PRECAUTIONS

Please, read carefully the Material Safety Data Sheet provided by Société Laurentide Inc. before using this product.

STORAGE

Keep container in a cool and dry place. Protect from the sun. Always keep the container closed.

DISCLAIMER

The above specifications are provided by Société Laurentide Inc. for information purposes only and in no way constitute a representation, promise, or guarantee regarding product use, life cycle or quality. The product identified above must be used in strict conformance with the instructions referred to as well as any other instructions guidelines, or warnings issued by Société Laurentide Inc. Société Laurentide's liability is limited to reimbursement of purchase of a defective product.

LAST UPDATE

2017-07-17