Laurentide industriel / industrial

Product name   **Innobake**

File number   **376-0XX**

PRODUCT FAMILY	Baking enamel
DESCRIPTION	Alkyd baking enamel
INTENTED USES	Innobake is formulated to be applied on metallic and non metallic substrates with a good chemical preparation like zinc phosphate, iron phosphate or Alodyne for aluminum substrates. Innobake may be used on others substrates, contact Laurentide Industrial technical services. May be used for indoor and outdoor applications. Innobake is a good way to protect and to enhance the appearence of furnitures, cabinets, tools, machinery components, etc.

PRATICAL INFORMATION

Color	Customized
Gloss level	From flat to high gloss
Volume solids	30%
Film thickness	Dry film thickness 1,5 mils to 2,0 mils
Viscosity	25 to 30 sec. Zahn # 2. Can be adjusted according the application equipement.
Theoretical coverage	480 sq.ft/gal for a 1,0 mil dft.
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	Dry to handle	Hard Dry
N/A	N/A	N/A

Overcoating interval with recommended topcoats

Minimum: N/A	Maximum: N/A

PRODUCT CHARACTERISTICS

Innobake must be baked in respect of the following parameters :
Flash-off time : 10 to 15 minutes at room temperature
baking time: 10 to 20 minutes
Temperature : 300 deg.F (158 deg.C) to 350 deg.F (176 deg.C).

High temperatures and/or long baking times may affect the color, especially light colors.

To check if the baking is sufficient, the best way is to do a rub test with m.e.k. A light color transfert may appear after 25 double strokes.

SYSTEM'S COMPATIBILITY   N/A

REGULATORY DATA

Flash Point	consult MSDS sheet
Product weight	1 litre = 1 kg
VOC	630 g/l

APPLICATION DATA

Mixing and Ratio	N/A	
Pot life	N/A	
Airless spray	Recommended	Tip 0,011¨ to 0,013¨ Pressure at the gun 2000 psi

Air spray	Recommended	Fluid tip 1,4 to 1,8 mm Air atomising 30 to 45 psi
Electrostatic application	Recommended	Contact Laurentide industrial technical services
Other equipment	N/A	
Thinner	Toluol, xylol, solvesso 100, solvesso 150, according to application conditions.	
Instructions for shutdowns or longer stops	N/A	
Cleaner	Xylol or 510-105 lacquer thinner from Laurentide	
Clean up	Flush the equipements with xylol or 510-105 lacquer thinner from Laurentide	

SURFACE PREPARATION

Metallic substrates, ferrous and non ferrous, must be chemically treated to obtain a good adhesion et and a good protection against corrosion. For ferrous substrates,zinc phosphate or iron phosphate depending of the protection wanted and for aluminum a pre-treatement Alodyne type.

For others substrates consult 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. Innobake contents highly flammable and explosive. The application equipements and the contenants must be grounded in all time. Do not use tools which cause sparks. Keep away from flames and high heat sources. Do not expose contenants to the direct sun.

STORAGE

Keep contenants well closed in a fresh and dry place. Avoid exposure to direct sunlight and heat sources.

DISCLAIMER

The above specifications are provided by Société Laurentide Inc. for information purposes only and in no way constitute a representation, promise, or garantee 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

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