
421 SINGLE PACK ETCH PRIMER

Page 1/2
Revised: Apr 2008

DESCRIPTION	A single pack Polyvinyl Butyral based etching primer designed to promote maximum adhesion of conventional top coats to properly cleaned ferrous and most non - ferrous metal surfaces.
PRODUCT NUMBER	<ul style="list-style-type: none">• 421-2208
FEATURES	<ul style="list-style-type: none">• 421 SINGLE PACK ETCH PRIMER provides excellent adhesion to ferrous metal.• Is the recommended pre-treatment for bare metal surfaces in automotive refinishing, where a conventional acrylic or enamel system is to be used.• It is a rust inhibiting primer and eliminates the necessity for phosphate treatment on mild steel.
USES	<ul style="list-style-type: none">• As an adhesion promoting primer for iron, steel, aluminium and some zinc coated steel under conventional enamel or lacquer systems.• Particularly recommended for use under 432 ACRYLIC PRIMER SURFACER in auto refinishing.
SURFACE PREPARATION	<ul style="list-style-type: none">• Ensure surfaces to be painted are clean and dry and free from dirt, oil, grease and other contamination by thorough washing with R123 HD WAX & GREASE REMOVER.• Abrade steel surfaces and treat with 971 METAL CONDITIONER & DEGREASER.• Aluminium surfaces should be thoroughly cleaned with R123 HD WAX & GREASE REMOVER, abraded with a nylon abrasive pad and again cleaned with R123 HD WAX & GREASE REMOVER.
MIXING INSTRUCTIONS	<ul style="list-style-type: none">• Stir thoroughly until a uniform consistency has been obtained and all settled pigment has been reincorporated.
THINNING	<ul style="list-style-type: none">• Thin 20% with R100 LACQUER THINNER for conventional spray application.
APPLICATION	<ul style="list-style-type: none">• Apply by spray. Apply a light, even transparent coat. DO NOT ATTEMPT TO OBTAIN COVERAGE, as application of heavy films can lead to serious adhesion problems.• PRECAUTION: DO NOT apply in conditions where relative humidity exceeds 65% or at ambient temperatures lower than 10°C, or when conditions are cold and damp. NOT recommended for brush applications although small areas can be satisfactorily touched up by brush.
COVERAGE	<ul style="list-style-type: none">• Recommended maximum dry film build is 6 - 10 microns, which corresponds with a spreading rate of approximately 10 - 12 square metres per litre.

421 SINGLE PACK ETCH PRIMER

Page 2/2
Revised: Apr 2008

- DRYING TIME**
- Touch Dry: 5 - 10 minutes
 - Hard Dry: 30 Minutes
 - Where the material is to be used under baking finishes, allow a short bake of 5 minutes at 80°C after 5 minutes flash off.
- RECOAT**
- 30 minutes minimum at 25°C. DO NOT allow recoat time to exceed 12 hours.
- PACK SIZES**
- 1 Litre
 - 4 Litres

HEALTH AND SAFETY

Contains Zinc Chromate and flammable volatile solvents. Keep away from all sources of heat and open flames. Do not smoke whilst handling. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID

- Eyes** If splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
- Skin** If splashed on skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
- Inhalation** If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
- Ingestion** If swallowed, give glass of water to drink and seek medical assistance. **DO NOT** induce vomiting.

Consult separate Material Safety Data Sheet for more detailed Health and Safety information.