

# ProHere® E 00005

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**BRAND FAMILY OVERVIEW** ProHere® grades are waterborne polymer dispersions and emulsions specifically developed for use in metal coatings. The range encompasses both polymer resins that can serve as organic binders in a coating formulation as well as lubricants and anti-scratch additives for metal processing and in-use lubricants.

**USAGE** Designed for formulating anti-corrosion primers and pre-treatment sealers for metallic substrates to provide excellent adhesion to various metallic substrates like steel, electroplated steel and aluminum. In addition, it provides excellent water resistance and chemical resistance to acids and many solvents.

**DESCRIPTION** Polyolefin-acrylic hybrid dispersion

**PERFORMANCE ATTRIBUTES** This product is used in many applications including the following:

Market	Properties Imparted
Can & Coil	<i>adhesion promotion, corrosion resistance</i>
General Metal	<i>adhesion, chemical resistance, corrosion resistance</i>

**PHYSICAL PROPERTIES** The following properties are typical but should not be considered specifications:

Appearance:	Semi-translucent liquid
Solids Type:	Polyolefin Acrylic hybrid
Emulsifier Charge:	Ammoniated dispersion
Non-Volatile (%) :	16.5 - 17.5
pH:	11.0 - 12.0
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	< 500
Spindle Number:	2
RPM:	60

**STORAGE** Keep container tightly closed in a dry and well-ventilated place. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Store in original container.

**HANDLING** Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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