

# ProHere® E 00001

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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 Specialty Dispersion

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

| Market              | Properties Imparted   |
|---------------------|---|
| Can & Coil          | <i>adhesion promotion, corrosion resistance, lubricity, primers</i>   |
| General Metal       | <i>adhesion, chemical resistance, corrosion resistance, lubricity</i> |
| Metal Plating       | <i>adhesion promotion, corrosion resistance, lubricity, primers</i>   |
| Metalworking Fluids | <i>adhesion, chemical resistance, corrosion resistance, lubricity</i> |

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

|                                |                           |
|--------------------------------|---------------------------|
| Appearance:                    | translucent liquid        |
| Solids Type:                   | Polyolefin Acrylic hybrid |
| Emulsifier Charge:             | Ammoniated dispersion     |
| Non-Volatile (%) :             | 24.2 - 25.4               |
| pH:                            | 8.4 - 9.4                 |
| Recommended pH of your system: | > 7.0                     |
| Brookfield Viscosity (cps) :   | 50 - 400                  |
| Spindle Number:                | 2                         |
| RPM:                           | 60                        |

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

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**HANDLING** 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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