

# Licomer® W 11

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**BRAND FAMILY OVERVIEW** Licomer® is a family of water-based polymer dispersions and wax emulsions for the manufacture of dry-bright emulsions intended for floor polish, automotive polish, shoe polish and leather polish applications.

**USAGE** Designed for floor polish formulations this emulsion provides high hardness, gloss, and forms a clear film. It also provides abrasion resistance, anti-block and slip properties, water resistance, black heel mark resistance and excellent resistance to scratching.

**DESCRIPTION** Anionic / Nonionic polyethylene emulsion

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

Market	Properties Imparted
Household	<i>abrasion resistance, hardness</i>
Industrial & Institutional	<i>abrasion resistance, hardness</i>

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

Appearance:	pale yellow liquid
Solids Type:	Polyethylene
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%) :	34.0 - 36.0
pH:	9.0 - 10.5
Brookfield Viscosity (cps) :	0 - 140
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.

**HANDLING** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

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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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