

Magnasoft™ 130LT Softener

Product Description

Magnasoft 130LT softener is a specialty silicone emulsion developed to improve softness and lubricity of textile print paste and aqueous top-coating formulations for leather.

This softener is compatible with textile print paste formulations that typically use Polyurethane Dispersion (PUD) and/or acrylic binder. In addition to enhancing the softness and lubricity, Magnasoft 130LT softener typically provides good spreadability, rubbing fastness and non-tacky feel when applied as textile print paste.

Magnasoft 130LT softener can also provide silky and smooth feel with little tackiness when used in aqueous top-coating formulations based on PUD and/or nitrocellulose lacquer emulsions that are typically used to improve abrasion and thermal resistance on the surface of cowhide, pig skin and lamb skin.

Key Features and Typical Benefits

- Can provide silky and smooth feel
- May improve abrasion resistance and reduce tackiness on printed fabrics and leather surfaces
- Enhances spreadability of textile print paste formulations, helping to eliminate agglomeration of print paste
- Virtually no yellowing or discoloration of printed fabric and coated leather
- Minimal greying effect on dark leather and limited impact on shine of polish formulation
- Compatible with aqueous-based print paste for textiles and leather top-coating
- Manufactured to be APEO-free

Typical Physical Properties

Appearance	Milky white emulsion
Viscosity at 25 °C, cPs	10
Solid Content, %	30
pH, 25 °C	7
Ionic	Anionic

Typical properties are average data and are not to be used as or to develop specifications.

Potential Applications

- Formulations of PUD and acrylic binders used for textile print paste
- Pigment print paste used in textile printing process
- Leather top-coating with PUD or leather finishing with aqueous nitrocellulose lacquers
- Formulations of PUD and aqueous nitrocellulose lacquers used for leather top-coating

General Considerations for Use

Textile Printing Applications

- 10-30 % Magnasoft 130LT softener is typically incorporated in PUD or Acrylic binder formulations used for textile printing
- May be directly applied for print paste bath. An example of a print paste bath formulation is below

Material	% wt.	Note
Binder	10-25	Polyacrylic (PAA) or PUD type
Thickener	1.5-3	Polyacrylic (PAA) type or SAA, CMC
Pigment	1-5	Anionic dispersion
Magnasoft 130LT softener	1-3 (or 5-8)	1-3 % for hand-modifying. 5-8 % dose level to improve spreading and uniform distribution of print paste in addition to improving the hand feel.
Others	1-2	e.g. Leveling & wetting agent

Product formulations are included as illustrative examples only. Momentive makes no representation or warranty of any kind with respect to any such formulations, including, without limitation, concerning the efficacy or safety of any product manufactured using such formulations.

Leather Top-Coating Applications

- 10-20 % Magnasoft 130LT softener is typically incorporated in PUD formulations used for leather top-coating
- 2-5 % Magnasoft 130LT softener is typically added in leather top-coating with PUD
- 3-6 % Magnasoft 130LT softener is typically added in leather finishing with PUD or nitrocellulose lacquers

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Customer Service Centers

For additional information, please contact our Customer Service Team

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