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

**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

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>–</td>
<td>Milky white emulsion</td>
</tr>
<tr>
<td>Viscosity, 25 °C</td>
<td>cPs</td>
<td>10</td>
</tr>
<tr>
<td>Solid Content</td>
<td>%</td>
<td>30</td>
</tr>
<tr>
<td>pH, 25 °C</td>
<td>–</td>
<td>7</td>
</tr>
<tr>
<td>Ionic</td>
<td>–</td>
<td>Anionic</td>
</tr>
</tbody>
</table>

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

*Magnasoft is a trademark of Momentive Performance Materials Inc.*
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.

<table>
<thead>
<tr>
<th>Material</th>
<th>% wt.</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>10-25</td>
<td>Polyacrylic (PAA) or PUD type</td>
</tr>
<tr>
<td>Thickener</td>
<td>1.5-3</td>
<td>Polyacrylic (PAA) type or SAA, CMC</td>
</tr>
<tr>
<td>Pigment</td>
<td>1-5</td>
<td>Anionic dispersion</td>
</tr>
<tr>
<td>Magnasoft 130LT softener</td>
<td>1-3 (or 5-8)</td>
<td>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.</td>
</tr>
<tr>
<td>Others</td>
<td>1-2</td>
<td>e.g. Leveling &amp; wetting agent</td>
</tr>
</tbody>
</table>

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.

*Magnasoft is a trademark of Momentive Performance Materials Inc.*
**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**

The storage temperature at 5-45 °C for Magnasoft 130LT softener is recommended to maximize the performance.

Customers should review the latest Material Safety Data Sheet (MSDS) 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. MSDS 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

Email
4information@momentive.com

Telephone

Americas
+1 888 443 9466
+1 614 986 2497

Europe, Middle East, Africa and India
+00 800 836 43581
+40 212 534754

Asia Pacific
China
+800 820 0202

Japan
+81 276 20 6182

All Other Countries
+60 3 9206 1543

To find a specific language, visit the Contact Us page at Momentive.com. You may select a country to view additional languages and the corresponding telephone numbers.

For email inquiries, we will make every attempt to respond in the incoming written language. If that is not possible, we will respond in English.

DISCLAIMER:
THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY “SUPPLIER”), ARE SOLD SUBJECT TO SUPPLIER’S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (I) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (II) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER’S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier’s materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier’s products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier’s standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

*Magnasoft is a trademark of Momentive Performance Materials Inc.

Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.