Vikoflex®
Epoxidized oils, esters: PVC plasticization, stabilization, acid scavenging.

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Identity</th>
<th>Minimum Oxirane</th>
<th>Viscosity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vikoflex 7170</td>
<td>Epoxidized Soybean Oil</td>
<td>7.0%</td>
<td>3.8 s</td>
</tr>
<tr>
<td>Vikoflex 7190</td>
<td>Epoxidized Linseed Oil</td>
<td>9.0%</td>
<td>8.0 s</td>
</tr>
<tr>
<td>Vikoflex 4050</td>
<td>Epoxidized Octyl Soyate</td>
<td>5.3%</td>
<td>40 cps</td>
</tr>
<tr>
<td>Vikoflex 5075</td>
<td>Epoxidized PGDO</td>
<td>4.4%</td>
<td>1.2 s</td>
</tr>
<tr>
<td>Vikoflex 7010</td>
<td>Methyl Epoxy Soyate</td>
<td>6.7%</td>
<td>30 cps</td>
</tr>
<tr>
<td>Vikoflex 7040</td>
<td>Butyl Epoxy Soyate</td>
<td>6.3%</td>
<td>40 cps</td>
</tr>
<tr>
<td>Vikoflex 7080</td>
<td>Epoxidized Octyl Soyate</td>
<td>5.3%</td>
<td>40 cps</td>
</tr>
<tr>
<td>Vikoflex 9010</td>
<td>Methyl Epoxy Linseedate</td>
<td>9.0%</td>
<td>40 cps</td>
</tr>
<tr>
<td>Vikoflex 9040</td>
<td>Butyl Epoxy Linseedate</td>
<td>8.0%</td>
<td>45 cps</td>
</tr>
</tbody>
</table>

Vikolox®
Epoxidized Alpha Olefins: Lube additives, adhesives, coatings, sealants, personal care, surfactants, Polyol modifiers, epoxy reactive diluents.

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Formula</th>
<th>Minimum Oxirane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vikolox 10</td>
<td>C_{10}H_{20}O</td>
<td>9.0%</td>
</tr>
<tr>
<td>Vikolox 12</td>
<td>C_{12}H_{24}O</td>
<td>7.8%</td>
</tr>
<tr>
<td>Vikolox 14</td>
<td>C_{14}H_{28}O</td>
<td>6.8%</td>
</tr>
<tr>
<td>Vikolox 16</td>
<td>C_{16}H_{32}O</td>
<td>6.0%</td>
</tr>
<tr>
<td>Vikolox 18</td>
<td>C_{18}H_{36}O</td>
<td>5.4%</td>
</tr>
<tr>
<td>Vikolox 20-24</td>
<td>C_{20-24}H_{40-48}O</td>
<td>4.4%</td>
</tr>
<tr>
<td>Vikolox 24-28</td>
<td>C_{24-28}H_{48-56}O</td>
<td>3.25%</td>
</tr>
<tr>
<td>Vikolox 30+</td>
<td>C_{30+}H_{60}O</td>
<td>2.25%</td>
</tr>
</tbody>
</table>

Note: Each Vikolox can be converted to the resultant Vikinol® or 1,2 glycol.

Specialty Epoxides – Custom Epoxidation Services

Epoxides

Olefin \((\text{C} = \text{C})\) + Arkema Epoxide \((\text{C} - \text{C})\)
ENVIRONMENTAL AND SAFETY INFORMATION

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) / SDS (SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

The MSDS/SDS are available on our Website www.arkema.com or upon request at our Customer Service Department at +1 (800) 331 7654 in the US, and at +33 (0) 1 4900 8837 in Europe. Arkema believes strongly in Responsible Care® as a public commitment.

MORE TECHNICAL INFORMATION AVAILABLE

Ask your Arkema account manager for further information on high quality Arkema additives for use in PVC, PC, PBT, ABS, PLA and other polymer systems. Arkema produces a full line of impact modifiers, processing aids and epoxidized vegetable oils. In addition, Arkema’s Technical Service staff is also available to assist compounders and processors with formulation and processing advice.

Durastrength® Impact Modifiers
Durastrength® acrylic impact modifiers deliver outstanding impact characteristics for outdoor durable applications in PVC and Engineering Resins.

Plastistrength® Process Aids
Plastistrength® process aids offer producers a complete line of melt strengtheners and metal release agents for PVC and Engineering Resins. Plastistrength® process aids can improve fusion, surging, and aesthetics.

Clearstrength® Impact Modifiers
Clearstrength® MBS impact modifiers are designed for extreme impact or impact/clarity combination in PVC and Engineering Resins.

Biostrength® Additives
The Biostrength® product line of impact modifiers, melt strengtheners and metal release agents are designed to improve properties and enhance processability of polylactic acid (PLA) and other biopolymers compounds.

Vikoflex® Epoxy Plasticizers
The Vikoflex® line of epoxy plasticizers is derived from renewable resources, like epoxidized linseed oil, soybean and tall oil fatty acid esters for applications such as PVC plasticization, acid and mercaptan scavenging, specialty coatings, adhesives & urethanes, reactive diluents, PU flexible foam and intermediates for surfactants and lube & fuel additives.

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