STRUKTOL® TR 055
PROCESSING ADDITIVE

**COMPOSITION**
Blend of fatty acid derivatives and metal soap.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Tan pastille</td>
</tr>
<tr>
<td>Dropping Point (°C)</td>
<td>110 - 120</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>.99</td>
</tr>
<tr>
<td>Physiological Behavior</td>
<td>Refer to safety data sheet</td>
</tr>
<tr>
<td>Storage Stability</td>
<td>at least 2 years under normal storage conditions</td>
</tr>
<tr>
<td>Packaging</td>
<td>55 lb. bag or 800 lb. gaylord</td>
</tr>
</tbody>
</table>

**RECOMMENDATIONS FOR APPLICATION**
STRUKTOL® TR 055, a combination product designed to offer more external lubricity for improved flow and metal release. It has proven to be very effective in automotive applications to replace traditional lubricants for improved processing and end product properties, including better fogging characteristics. STRUKTOL® TR 055 works well in extruded, injection molded, and thermoformed part applications.

**DOSAGE**
0.5 - 2 % of total compound.

**FDA STATUS**
STRUKTOL® TR 055 is sanctioned for use by the Food and Drug Administration (FDA) in a number of applications, listed in the following sections of Title 21 of the Code of Federal Regulations:

- 172.615 Chewing gum base
- 172.680 Fatty acids
- 175.105 Adhesives
- 175.300 Resinous and polymeric coatings
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods
- 176.180 Components of paper and paperboard in contact with dry food
- 176.200 Defoaming agents used in coatings
- 176.210 Defoaming agents used in the manufacture of paper and paperboard
- 177.1200 Cellophane
- 177.1400 Hydroxyethyl cellulose film, water insoluble
- 177.1460 Melamine-formaldehyde resins in molded articles
- 177.1580 Polycarbonate resins
- 177.1900 Urea-formaldehyde resins in molded articles
- 177.2410 Phenolic resins in molded articles
- 177.2420 Polyester resins, cross-linked
- 177.2600 Rubber articles intended for repeated use
- 178.2010 Antioxidants and/or stabilizers for polymers
- 178.3860 Release agents
- 178.3910 Surface lubricants used in the manufacture of metallic articles
- 182.8994 Zinc Stearate
- 184.1090 Stearic acid

(03/04/2015)DAB/KLH/rca

The information herein is believed to be reliable, but is presented without guarantee or warranty, express or implied. Nothing contained herein is to be construed as a recommendation for any use which is in violation of an existing patent.