**STRUKTOL® TR 044W**

**PROCESSING ADDITIVE**

**COMPOSITION**
A blend of fatty esters.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off white beads or pastilles</td>
</tr>
<tr>
<td>Dropping Point (°C)</td>
<td>49 – 63</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.95</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. PE bags</td>
</tr>
</tbody>
</table>

**RECOMMENDATIONS FOR APPLICATION**

STRUKTOL® TR 044W is a processing aid for polymers which can assist compound processing without significant changes in physical properties. STRUKTOL® TR 044W acts as a dispersing agent for powdered materials and can provide more uniform filler incorporation. It improves filler dispersion and the flow properties and release during processing.

**ADDITION LEVELS**

0.5 - 2.0% depending on polymer system

**FDA STATUS**

STRUKTOL® TR 044W 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:

- 175.105 Adhesives
- 175.300 Resinous and polymeric coatings
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods
- 176.210 Defoaming agents used in the manufacture of paper and paperboard
- 177.1200 Cellophane
- 177.1580 Polycarbonate resins
- 177.2420 Polyester resins, cross-linked
- 178.2010 Antioxidants and/or stabilizers for polymers

(08/27/2014)/rca