



# Struktol Company of America

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# TECHNICAL DATA

## **STRUKTOL<sup>®</sup> TR 451** **PROCESSING ADDITIVE**

### **COMPOSITION**

An optimized blend of special oleo chemicals.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	tan pastilles
Dropping Point (°C)	62 - 76
Specific Gravity	0.99
Physiological Behavior	refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	55 lb. bags

### **RECOMMENDATIONS FOR APPLICATION**

STRUKTOL<sup>®</sup> TR 451 is specifically designed for use in highly loaded mineral filled polyolefins. This unique additive allows compounders to utilize untreated minerals while maintaining or improving the processing and physical property characteristics typically associated with treated minerals. In addition, compounders using TR 451 may be able to increase filler loadings without sacrificing processability, stability or physical properties.

### **DOSAGE**

0.2 – 1% of total compound

### **FDA STATUS**

STRUKTOL<sup>®</sup> TR 451 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:

<b>172.615</b> Chewing gum base	<b>177.1400</b> Hydroxyethyl cellulose film, water insoluble
<b>172.860</b> Fatty acids	<b>177.1580</b> Polycarbonate resins
<b>175.105</b> Adhesives	<b>177.2420</b> Polyester resins, cross-linked
<b>175.300</b> Resinous and polymeric coatings	<b>178.2010</b> Antioxidants and/or stabilizers for polymers
<b>176.170</b> Compounds of paper and paperboard in contact with aqueous and fatty foods	<b>178.3860</b> Release agents
<b>176.210</b> Defoaming agents used in the manufacture of paper and paperboard	<b>184.1090</b> Stearic Acid
<b>177.1200</b> Cellophane	

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