



# Struktol Company of America

201 E. Steels Corners Road • P. O. Box 1649 • Stow, Ohio 44224-064  
Phone (330) 928-5188 • Fax (330) 928-0013  
www.struktol.com • customerservice@struktol.com

# TECHNICAL DATA

## STRUKTOL® TR 055

### PROCESSING ADDITIVE

### COMPOSITION

Blend of fatty acid derivatives and metal soap.

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

### 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:

|   |   |
|---|---|
| <b>172.615</b> Chewing gum base   | <b>177.1460</b> Melamine-formaldehyde resins in molded articles                 |
| <b>172.860</b> Fatty acids  | <b>177.1580</b> Polycarbonate resins  |
| <b>175.105</b> Adhesives  | <b>177.1900</b> Urea-formaldehyde resins in molded articles                     |
| <b>175.300</b> Resinous and polymeric coatings  | <b>177.2410</b> Phenolic resins in molded articles                              |
| <b>176.170</b> Components of paper and paperboard in contact with aqueous and fatty foods | <b>177.2420</b> Polyester resins, cross-linked                                  |
| <b>176.180</b> Components of paper and paperboard in contact with dry food                | <b>177.2600</b> Rubber articles intended for repeated use                       |
| <b>176.200</b> Defoaming agents used in coatings  | <b>178.2010</b> Antioxidants and/or stabilizers for polymers                    |
| <b>176.210</b> Defoaming agents used in the manufacture of paper and paperboard           | <b>178.3860</b> Release agents  |
| <b>177.1200</b> Cellophane  | <b>178.3910</b> Surface lubricants used in the manufacture of metallic articles |
| <b>177.1400</b> Hydroxyethyl cellulose film, water insoluble                              | <b>182.8994</b> Zinc Stearate   |
|   | <b>184.1090</b> 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.