



# Struktol Company of America

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# TECHNICAL DATA

## STRUKTOL® RP 53 ODOR ELIMINATOR PROCESSING ADDITIVE

### COMPOSITION

Proprietary blend.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	Off-white pastille
Dropping Point (°C)	100 - 110
Specific Gravity (g/cm <sup>3</sup> )	1.07
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions.
Packaging	55 lb. bag

### RECOMMENDATIONS FOR APPLICATION

STRUKTOL® RP 53 may be added during compounding, extrusion or molding to eliminate or mask undesirable odors often associated with the addition of post-industrial or post-consumer recyclate streams or other ingredients used in compounding. This product was developed as an odor mask for PE and PP WPC products where, in some cases, the fillers or the recycled plastic in a formula imparted unpleasant odors in the final product. The product is particularly applicable for automotive applications where higher process temperatures may make the odors more noticeable. Although developed for WPC products, it has been shown to work well in plain recycled PE and PP products, as well as various rubber products.

### DOSAGE

Plastics: A starting use level would be 0.5%, however more or less may be required to obtain desired odor elimination.

Rubber: 2 – 5%

### FDA STATUS

STRUKTOL® RP 53 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 Components of paper and paperboard in contact with dry food
- 177.2600 Rubber articles intended for repeated use
- 178.3800 Preservatives for wood
- 178.3910 Surface lubricants used in the manufacture of metallic articles

(06/04/2018)/rca

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