



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] Zinc Stearate VG

USP GRADE ZINC STEARATE

COMPOSITION

STRUKTOL[®] Zinc Stearate VG is manufactured from a high quality vegetable fatty acid with a low iodine value in a tightly controlled production operation that guarantees product uniformity.

PROPERTIES

Appearance	white pastilles or powder
Ash Content (% , max.)	15.5
Specific Gravity	1.060
Dropping Point (°C)	117 - 127
Physiological Behavior	refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	55# bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] Zinc Stearate VG is one of the most widely used additives in the plastics field. It serves primarily as a lubricant, but also as a densifying agent and a partitioning agent. It is used extensively in color concentrates as a dispersion aid. It is used to improve processing of the styrenics and polyesters, and to a lesser extent with the olefins. In rubber applications, it functions as an elastomer processing aid and release agent.

DOSAGE

0.5% in most plastic applications.

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FDA STATUS

STRUKTOL[®] ZINC STEARATE VG 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	177.1900	Urea-formaldehyde resins in molded articles
175.300	Resinous and polymeric coatings	177.2410	Phenolic resins in molded articles
176.170	Components of paper and paperboard in contact with aqueous and fatty foods	177.2600	Rubber articles intended for repeated use
176.180	Components of paper and paperboard in contact with dry food	178.2010	Antioxidants and/or stabilizers for polymers
176.200	Defoaming agents used in coatings	178.3910	Surface lubricants used in the manufacture of metallic articles
177.1460	Melamine-formaldehyde resins in molded articles	182.8994	Zinc Stearate

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