



STRUKTOL[®] MAGNESIUM STEARATE

COMPOSITION

STRUKTOL[®] Magnesium Stearate is a high purity stearate with low soluble salt level that reduces discoloration during processing. During manufacture, the particle size, shape, bulk, and purity of STRUKTOL[®] Magnesium Stearate are closely controlled to guarantee product uniformity.

TYPICAL PROPERTIES

Appearance	Powder
Ash (% max.)	3.0
Free Fatty Acid (% max.)	4.0
Iodine Value (max.)	.5
Magnesium Content	4.0-4.8
Melting Point (°C)	125-145
Moisture (% max.)	4.0
Residue (% on 325 mesh, max.)	0.5
Water Soluble Salt (% max.)	1.0
Storage Stability	Unlimited in a cool dry area
Packaging	55 lb. paper bag

RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL[®] Magnesium Stearate is used by the rubber and plastic industries as an effective elastomer processing aid and release agent. It is an excellent dusting agent to prevent surface adhesion in ABS plastic and in other thermoplastics with minimal discoloration.

DOSAGE

0.3 - 3 parts

- over -



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TECHNICAL DATA

FDA STATUS

STRUKTOL[®] Magnesium Stearate 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:

173.340	Defoaming agents	177.1200	Cellophane
175.300	Resinous and polymeric coatings	177.2260	Filters, resin-bonded
175.320	Resinous and polymeric coatings for polyolefin films	178.3910	Surface lubricants used in the manufacture of metallic articles
176.170	Components of paper and paperboard in contact with aqueous and fatty foods	181.29	Stabilizers
176.200	Defoaming agents used in coatings	184.1440	Magnesium stearate

(11/24/08)/mmm