



SOVEREIGN CHEMICAL COMPANY

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COAD[®] 20 ZINC STEARATE

Manufacturer: The Norac Company, Inc.

Classification: High grade multipurpose zinc stearate

Chemical Composition: $Zn(C_{18}H_{35}O_2)_2$

Specification Data:

Specification Properties	Value	Test Method
Total Ash	15.0-15.8% wt.	316
Free Fatty Acid	0.5% maximum	308
Moisture,	0.5% maximum	302
Softening Point	118-123°C	494
Fineness thru 325 mesh	98.0% minimum	358
Typical Properties		
Particle Size	9-14 µm	358
Physical Form	Free flowing white powder with a slight fatty odor	Visual

Applications

Description: COAD[®] 20 Zinc Stearate is a high grade multipurpose zinc stearate with superior heat stability. It has a moderately high bulk density and exhibits improved dispersion for faster and more uniform mixing. The low specific surface provides important advantages when controlling viscosity.

Color Concentrates: COAD[®] 20 Zinc Stearate improves pigment dispersion and reduces blending time needed to produce uniform mixtures, and acts as a lubricant to improve melt flow and prevents sticking to extruder surfaces.

Powder Metallurgy: COAD[®] 20 Zinc Stearate shortens blending cycles, gives higher apparent densities and better flow properties in the metal powder-lubricant blends, reduces injection pressure, and improves die life.

Rubber Dusting: COAD[®] 20 Zinc Stearate is used where a thick, uniform coatings are desired on uncured slabs or especially tacky formulations. It acts as an anti-sticking agent where a dry powder is preferred.

Dry Blends: COAD[®] 20 Zinc Stearate reduces caking and improves flow properties. Due to its greater density, higher loadings can be obtained in certain equipment.

FDA Regulations

Antioxidant and/or stabilizer for polymers 21 CFR 178.2010(b)

Dietary supplement 21 CFR 183.8994

Food contact surface component 21 CFR 177.1460(b) & .1900(b) & 2410(b)

Nutrient, safe designation 21 CFR 182.5994 & 582.5994

Over-the-counter drug products, ingredient listing 21 CFR 301.545 & 310.545(a)(18)

Over-the-counter drug products, warning label 21 CFR 369.20

Paper and paperboard component 21 CFR 176.180(b)(2)

Resinous and polymeric coating 21 CFR 175.300(b)(3)

Packaging and Storage

Packaging: 25 lb. and 50 lb. multiwall bags, unitized on non-returnable wooden pallets.

Shelf Life: 3 years from date of manufacture if stored as indicated below.

Storage: Storage conditions greatly affect the usable life of the product. Material should be stored in an enclosed area at ambient temperature away from extreme heat and moisture.

Specification Date: September 30, 2004 (Supersedes: August 9, 1996)