

COAD[®] ZINC STEARATE PRODUCTS MATHE[®] ZINC STEARATE PRODUCTS

COAD[®] Zinc Stearate Powders (Applications):

	COAD [®] 20	COAD [®] 20F	COAD [®] 21	COAD [®] 23	COAD [®] 25	COAD [®] 27D	COAD [®] 27F	COAD [®] HA	COAD [®] Disp. II
Bulk Molding Compounds						X	X		
Coating Formulations					X			X	
Color Concentrates	X	X		X					
Concrete Waterproofing				X	X				
Emulsions									X
Lacquer Sanding Sealer					X			X	
Powder Metallurgy					X				
Sheet Molding Compounds						X	X		
Thermoset Molding				X	X				
Rubber processing	X			X					
PVC	X	X						X	
Polyethylene				X			X		
Polystyrene				X			X		
Crystal Polystyrene			X						

COAD[®] Prill Zinc Stearate (Applications):

	COAD [®] 30 Prill Zinc Stearate	COAD [®] 31 Prill Zinc Stearate	COAD [®] 33 Prill Zinc Stearate
Wood Composites			X
Color Concentrates	X		X
Polyolefins			X
Polystyrene		X	X
Crystal Polystyrene		X	

MATHE[®] Zinc Stearate Powder (Applications):

	Mathe [®] Zinc Stearate Food Grade/USP/Kosher
Food	X
Pharmaceutical	X
Personal Care	X

COAD® ZINC STEARATE POWDER DESCRIPTION:

COAD® Zinc Stearate powder products are high grade fused Zinc Stearates that are manufactured under strict controlled conditions in order to meet the physical property requirements for specific applications.

TYPICAL PROPERTIES

Product	Total Ash%	Free Fatty Acid %	Moisture %	Softening Point	%98 Top Size	Mean Value	Fineness, %Thru (xxx) Mesh
COAD® 20	15.3	0.2	0.2	120	35	11	100 (325)
COAD® 20F	15.4	0.2	0.2	120	65	18	100 (200)
COAD® 21 (Clear Melt)	13.6	0.7	0.2	120	35	11	100 (325)
COAD® 23	13.6	0.2	0.2	120	35	11	100 (325)
COAD® 25	13.7	0.2	0.2	120	25	7	100 (400)
COAD® 27D	13.6	0.2	0.2	120	40	12	100 (325)
COAD® 27F	13.6	0.2	0.5	120	70	18	100 (200)
COAD® HA	17.0	0.2	0.5	120	28	7	100 (400)
COAD® Disperso II	15.4	0.2	0.2	120	40	12	100 (325)

Appearance: Free flowing white powder.

COAD® PRILL ZINC STEARATE DESCRIPTION:

COAD® Prill Zinc Stearate products are high grade fused Zinc Stearates that are manufactured under strict controlled conditions in order to meet both low dust and physical property requirements for specific applications.

TYPICAL PROPERTIES

Product	Total Ash%	Free Fatty Acid %	Moisture %	Softening Point
COAD® 30	15.3	0.2	0.2	120
COAD® 31 (Clear Melt)	13.6	1.0	0.2	120
COAD® 33	13.6	0.2	0.2	120

PARTICLE SIZE DISTRIBUTION (typical)

Sieve Size(mesh)	% Retained	% Thru
20	1.28	98.72
30	23.52	76.48
50	87.22	12.78
80	98.64	1.36
100	99.32	0.68
120	99.66	0.34
140	99.78	0.22
200	99.88	0.12
<200	100.00	0.12

Appearance: Free flowing white micro beads.

MATHE[®] ZINC STEARATE POWDER DESCRIPTION:

MATHE[®] Zinc Stearate powder products are precipitated, high grade vegetable based Zinc Stearates designed specifically for food, pharmaceutical, and personal care applications.

TYPICAL PROPERTIES





Product	Total Ash%	Free Fatty Acid %	Moisture %	Softening Point	%98 Top Size	Mean Value	Fineness, %Thru (xxx) Mesh
Mathe [®] Food Grade/USP/Kosher	13.4	0.25	0.25	120	**	**	100 (325)

Appearance: Free flowing white powder.

PERFORMANCE:

IMPROVED HEAT STABILITY

Both COAD[®] Zinc Stearate Powder and Prill products are manufactured in a unique process that limits heat and oxygen exposure and promotes a complete reaction. The result is a more heat stable product.

Temp	COAD [®] Zinc Stearate	Competitive Zinc Stearate
180C 30 min		
200C 30 min		



STORAGE AND HANDLING RECOMMENDATIONS:

- Storage** - Store at ambient temperatures away from sources of heat or from places of extreme moisture.
- Fire** - Use water from a safe distance, preferably with a fog nozzle.
- Handling** - Avoid contact with skin or eyes. Safety goggles are recommended.
- Spills** - Clean up immediately. Sweep up and discard in a closed container.
- Disposal** - Consult Federal, State, and Local regulations. Consult the telephone book or EPA for list of approved disposal companies.
- Other** - See MSDS for COAD[®] Zinc Stearate Powder or Prill grade or MATHE[®] Zinc Stearate Powder for additional health, safety, and environmental information.

PACKAGING:

COAD[®] and MATHE[®] Zinc Stearates are packaged in various sized multiwall bags and supersacks, unitized on non-returnable wooden pallets. Please contact your Norac sales representative to discuss your special packaging requirements.

CORPORATE HEADQUARTERS

Norac, Inc.
405 S. Motor Avenue
Azusa, CA 91702
USA

MANUFACTURING FACILITY

Norac Additives
360 Phillips 311 Road
Helena, AR 72342
USA

CUSTOMER SERVICE

Telephone: 1-888-786-6722
Fax: 1-870-572-4650

"The information contained in this bulletin is based on information received of our staff and of others and is presented in good faith and with every belief in its accuracy. Due to the extensive technology involved in its usage, the manufacturer in no way guarantees such information, nor does he make any recommendations as to its use in the infringement of any patent. The information contained in this bulletin supersedes and replaces all information contained in all previous bulletins. Seller makes no warranty of any kind, expressed or implied, except that the goods sold hereunder shall meet specifications of the buyer. After the good sale accepted by the buyer within the time specified the buyer assumes all risk and liability for damages resulting from the use of the goods. Whether used by the buyer singly or in combination with other products or if sold by buyer to third persons either in its original form or if repackaged by the buyer and then sold to third persons."

