



Product Bulletin: 10/23/07

COAD® 10 CALCIUM STEARATE

DESCRIPTION

COAD® 10 Calcium Stearate is a high grade calcium stearate developed for the PVC processing industry. It has low chloride content, low specific surface, exhibits excellent heat stability properties for high temperature processing and provides mold release properties critical for thermoplastics and thermoset molding. COAD® 10 Calcium Stearate meets the requirements of PPI-TR3 and NSF Standard 14 for potable water.

TYPICAL PROPERTIES

Total Ash, %	.....	10.3
Moisture, %	.....	1.0
Free Fatty Acid, %	.....	0.2
Soluble Salts, %	.....	Nil
Softening Point, C	.....	155
Apparent Density, lbs/ft3	.....	28
Mean Particle Size, microns	.....	11
Top Size %98, microns	.....	35
% thru 325 Mesh	.....	100

Appearance: Free flowing white powder.

COAD[®] 10 CALCIUM STEARATE

APPLICATIONS

- Rigid PVC compounds: COAD[®] 10 Calcium Stearate acts as a dispersing aid during the blending cycle, as a lubricant and processing aid during extrusion and as a mold release agent for injection molding. It also improves stability by neutralizing acidic decomposition products in the polymerization of certain polyolefins.
- Polyester molding compounds: COAD[®] 10 Calcium Stearate is an excellent mold release agent for matched metal die molding under certain conditions.
- Rubber molding compounds: COAD[®] 10 Calcium Stearate acts as an anti-sticking agent for rubber slab where a dry powder is preferred. It is useful for applications with zinc discharge limitations.
- Waterproofing: COAD[®] 10 Calcium Stearate may be employed in concrete and mortar admixtures to impart water repellency and to improve flow and release properties of the dry mix.

STORAGE AND HANDLING RECOMMENDATIONS

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| 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 [®] 10 Calcium Stearate for additional health, safety, and environmental information. |

PACKAGING

COAD[®] 10 Calcium Stearate is packaged in 25 lb. and 50lb. multiwall bags, unitized on non-returnable wooden pallets. Please contact your Norac sales representative to discuss your special packaging requirements.

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