

Innovative Coating Material for Tablets, Pellets, Granules and More.



APPLICATIONS

- Masks taste and odor
- Acts as a seal coating
- Prevents core “bleed through”
- Improves stability
- Prevents moisture transmission
- For immediate release
- Enhances tablet elegance

ADVANTAGES

- Organic solvent free
- Compatible with other coating systems
- Widely accepted, GRAS ingredients
- Provides a high gloss film
- Improves film adhesion
- Low viscosity

www.marcoat.com

DESCRIPTION

The quality and specification of the natural polymer shellac depends on the raw material as well as the process used for refining. MarCoat™ is based on a dewaxed and decolorized shellac (dewaxed orange shellac) refined in a solvent extraction process. During this process, the color is reduced by activated carbon. The chemical structure of shellac is not modified by this process. MarCoat is a clear to slightly cloudy amber and very stable, 25% solids, aqueous solution.

SPECIFICATIONS

Color (Hunter LAB): L > 30
 Solids Content: 25% ± 1% w/w
 Specific Gravity: 1.04 ± 0.03
 pH: 7.3 ± 0.3
 Viscosity (25°C): <20 sec (Zahn #3)

INGREDIENTS

Shellac Ammonium Salt

CAS#

68308-35-0

INSTRUCTIONS

MarCoat™ can be used as supplied or diluted with demineralized water to the desired concentration. MarCoat™ is compatible with a wide variety of additives including fillers, pigments, plasticizers or other resins or polymers (MC, HPMC, HPC, PVP). MarCoat™ can be applied in side vented/perforated pans or fluid bed coaters. Coating and drying conditions depend on the equipment used. Due to the low viscosity of MarCoat™, higher solids concentrations and shorter processing times are possible.

STORAGE

Preferred storage conditions: Cool environment in a tightly closed container. Freeze-thaw stable.
 Packaging: 5 gallon plastic pails
 55 gallon plastic drums
 Shelf Life: 6 months (from date of manufacture)

CLEANING

A 10% aqueous sodium carbonate solution is recommended for stainless steel equipment. If necessary, the solution can be applied at a temperature of 40—50°C.