

Technical Data Sheet

Last revised: 01-2019

MORDRY® Barium 12.5

MORDRY® Barium 12.5 is a drier for coatings based on Barium salt of saturated branched C8 acids in mineral spirit.

Specifications:

Specific gravity @ 25°C	:	0.95 – 1.15 g/cm ³
Color Gardner	:	max. 4
Metal content	:	ca. 12.5%

Methods of analysis can be received upon request

Applications and usage:

MORDRY® Barium 12.5 is considered as an auxiliary drier. Barium carboxylate is known to promote through drying in many formulations with an advantage over calcium in that it has lower water sensitivity. In addition to its good pigment wetting characteristics, **MORDRY® Barium 12.5** improves gloss and prevents adsorption of the primary driers at the surface of the pigments and extenders, thus increasing the stability of the coating during prolonged storage. In combination with Cobalt, Barium has a similar effect to that of Lead. Thus, it has seen some use as a substitute for Lead in Lead-free coating formulations.

The normal use of level range for is:

0.1-0.5% calculated on resin solids

This dose can be considered as a guideline. The optimum combination and concentrations will depend on the total formulation characteristics.

Safety and Handling:

MORDRY® Barium 12.5 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

MORDRY® Barium 12.5 should be stored at temperatures between 5 °C and 32 °C. Although **MORDRY® Barium 12.5** will not freeze under ordinary conditions, best results can insured if it is kept between the recommended temperatures prior to use. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The production date is indicated on the container.

Packaging:

205 kg non-returnable metallic container.
