

Technical Data Sheet

Last revised: 01-2019

MORDRY® 420

MORDRY® 420 is a highly efficient replacement for cobalt drier in urethane-modified alkyds and alkyds.

Specifications:

Specific gravity @ 20°C	:	ca. 0.86 g/cm ³
Flashpoint	:	27°C
Appearance	:	Light brownish liquid

Methods of analysis can be received upon request

Applications and usage:

MORDRY® 420 can be efficiently applied in clear and brightly pigmented polyurethane-modified alkyds and in conventional alkyds, which tend to discolor. As compared to Cobalt octoate, **MORDRY® 420** can offer superior properties such as:

- The minimization of discoloration of clear urethane-modified alkyds in can
- The improvement of alkali resistance
- The increase in yellowing resistance of air-drying alkyd finishes especially those subjected to
- prolonged heat or alkaline fumes
- The prevention of “loss of dry” on aging
- The relative lower level of toxicity compared to cobalt

Although **MORDRY® 420** will provide complete dry of the system, optimum results will be obtained when used in combination with auxiliary driers. This is to ensure rapid and complete through dry and hard dry.

The suggested range of addition of driers based on 100 kg of vehicle solids is:

0.5 -0.7 kg MORDRY® 420

1.0-2.0 kg MORDRY® Calcium 10

3.5-5.0 kg MORDRY® Zirconium 12

Safety and Handling:

MORDRY® 420 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

MORDRY® 420 should be stored at temperatures between 5 °C and 32 °C. Although **MORDRY® 420** will not freeze under ordinary conditions, best results can be insured if it is kept between the recommended temperatures prior to use. When kept in an original unopened container, it will keep up to 3.5 years from the date of manufacture. The production date is indicated on the container.

Packaging:

50 kg non-returnable metallic containers.