



Cobalt Octoate

It is an extremely active & most widely used drier in coatings & capable of being used even as a single Drier. It is primarily an oxidation catalyst & acts as a "Surface Drier". It may have a tendency to cause surface wrinkling, hence to provide uniform drying, it is generally used in combination with other auxiliary driers. It is generally added at 0.05 to 0.5% depending on the vehicle solids. Cobalt drier prevents atmospheric humidity to enter into paint films due to its unique property. This will help to increase gloss & reduces brittleness of the film. This drier is a universal drier, which is essential in all media.

As quantity of Cobalt Drier used is very small, it minimizes discoloration in paints & enamels as compared with other Driers. Cobalt does not discolor white paints as the deep blue color of the cobalt counteracts the yellow of the oils & resins & thereby enhances the whiteness of the paint. Cobalt is an effective accelerator for catalytic action of MEKP to polymerize unsaturated polyester resin.

| Sr. No. | Products | Color | Metal Content % (+/- 0.2) | Non Volatile at 120°C/Hr (+ / - 5) | Specific Gravity at 30°C (+/- 0.03) | Viscosity at 30°C F.C. B-4 (Sec) (+ / - 3) |
|---------|---------------------------------|---------------|------------------------------|---------------------------------------|--|--|
| 1. | COBALT OCTOATE (CAS 13-52-7) | BLUISH VIOLET | 12 | 60 | 1.020 | 21 |

APPLICATIONS

- Drier for Solvent & Water borne Coatings
- Drier for Printing Ink
- As rubber adhesion promoters in solid phase.
- Accelerator for UPR system

PACKING

Mild Steel 200 Kgs & 50 Kgs

STORAGE PARAMETERS

Twelve Months in original container at Ambient Temperature.

PRODUCT SAFETY INFORMATION:

All personnel handling and/or using Cobalt Octoate must be familiar with appropriate safety and handling precaution. Before handling always read and follow the safety precaution in Material Safety Data Sheet.

Cobalt Octoate is harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes and clothing. Do not breathe vapors. Exposure to liquid and vapors can be irritating to the skin and respiratory track. Eye irritation can be severe and can result in burns.

In case of contact, immediately flush the affected area with large quantities of water for at least 15 minutes. Remove contaminated clothing and launder thoroughly before use. Get medical attention for irritation and other symptoms.

Cobalt Octoate is flammable liquid. When handling Cobalt Octoate keep away from heat and open flame. Wear recommended personal protective equipment including impervious clothing and gloves constructed of butyl rubber, neoprene or nitrile when handling liquids.