

5 % Manganese Hydro-Cure®

Manganese drier for water or solvent-based systems

Physical Characteristics

Metal content	Mn: 4.90 - 5.10 %
Non-volatile content	52.20 - 65.00 % ASTM D 1644
Viscosity	A-3 ASTM D 2373
Specific gravity	0.900 - 0.936 (25°C) ASTM D 1963
Weight per Gallon	7.50 - 7.80 lb/gal (25°C) D 1963

Features

- Promotes surface and through-drying properties
- Usually used in combination with cobalt
- Can be used with secondary driers like zirconium, barium or zinc for complete drying of the paint film
- More suitable in pigmented coatings systems as it may cause discoloration in pale-colored or clear coatings

Applications

- Oxidatively cured systems, including:
 - Architectural paints
 - Industrial coatings

Dosage

In conventional alkyd formulations, the Manganese addition is between 0.01 and 0.05 % metal based on the vehicle solids of the coating and will vary depending upon the composition of the binder. 5% Manganese Hydro-Cure® can also be combined with Zirconium and Calcium driers for optimum surface and through dry. The specific drier blend should be experimentally determined.

Storage

Protect from the effects of weathering and store at temperatures below 50 °C. Once opened, containers should be resealed immediately after each use.

Safety

Please refer to our safety data sheet for information relating to product safety.

www.borchers.com/contact

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.