

5 % Calcium Hex-Cem[®]

Calcium drier for solvent-based systems

Physical Characteristics

Appearance	Light yellow liquid
Metal content	Ca: 4.90 - 5.10 %
Non-volatile content	<= 55.00 % ASTM D 1644
Viscosity	A-5 to D ASTM D 2373
Specific gravity	0.882 - 0.941 (25°C) ASTM D 1963
Density	NA

Features

- Auxiliary drier that is used solely in combination with primary and secondary driers
- Yields synergistic effects in combination with primary driers such as cobalt, manganese and Borch[®] OXY-Coat, and with secondary driers such as zirconium
- Can also be used as a pigment wetting agent and loss-of-dry additive
- Prevents adsorption of the primary driers by the pigments thereby stabilizing surface dry

Applications

- Oxidatively cured solvent-based systems, including:
 - o Architectural paints
 - o Industrial coatings
 - o Stains

Dosage

In conventional alkyd formulations, the Calcium addition is between 0.03 - 0.30 % metal based on the vehicle solids of the coating and will vary depending upon the composition of the binder. The specific drier blend should be experimentally determined. Higher levels might be needed if added to the dispersion to prevent drier adsorption. Calcium drier can be added to the dispersion and/or in the letdown with other driers.

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.

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