

HydroCER[®] AE-35HD

Aqueous HDPE Emulsion

Product Description:

HydroCER[®] AE-35HD is a non-ionic high-density polyethylene wax emulsion, featuring particles with a smaller size compared to typical HDPE emulsions.

Application:

HydroCER[®] AE-35HD is recommended for aqueous coatings, printing inks, leather coatings, seed coatings and food packaging where rub resistance and scratch resistance are required. The HydroCER[®] AE-35HD is formulated for superior gloss and to have a lower viscosity than standard food grade polyethylene emulsions.

Recommended Levels:

1-6% by weight of total formulation

Features and Benefits:

- ☘ Slip (Low COF)
- ☘ Abrasion Resistance
- ☘ Clarity
- ☘ Scratch Resistance
- ☘ Rub Resistance
- ☘ Sheen Stability

Typical Properties:

☘ Non-Volatile:	35%
☘ Melting Point (Wax) :	270°F/132°C
☘ Viscosity:	<500 cps
☘ pH value:	9 – 10.5
☘ Carrier:	Water
☘ Density:	8.3 – 8.5 lbs./gal
☘ Ionic Nature:	Non-ionic

Regulatory Status:

The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS.

21 CFR Applications: 175.105, 175.300*, 175,320*, 176.170, 176.180

Safety, Shipping and Handling:

For complete safety, shipping and handling information, please refer to the product SDS, contact your regional Customer Service Representative, or contact our Customer Service Team by e-mail at

customerserviceteam@shamrocktechnologies.com.

Precautions: Keep From Freezing. Mix Well Prior To Use.

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