Micronized HCO

Description

A micronized hydrogenated castor oil used as a rheology modifier designed for low polarity aliphatic systems. It imparts a high degree of thixotropic thickening to many applications. With proper use, it provides outstanding efficiency for thixotropic viscosity build, sag control, and pigment suspension. The processing temperature range in an aliphatic solvent system is 43-54°C (110-130°F).

Properties Specifications

Appearance		White Powder
Melting Point	°C	85-88
Acid Value	mg KOH/gm	3.0 Max
Hydroxyl Value	mg KOH/gm	155 Min
Iodine Value	$gml_2/100gm$	3.0 Max
Saponification Value	mg KOH/gm	177-185
Color	Gardner	3G Max
Material Pass in 325 Mesh		99%
Material Pass in 44 Micron		99%

Key Rheological Properties

- Adds thixotropic body and controls viscosity
- Reduces settling of pigments to extenders
- Produces optimum flow
- Enhances leveling
- Improves compatibility

Offset to

- Crayvallac ® Antisettle CVP
- Elementis Thixcin ® R

Applications

- Construction Applications
- Epoxy tile adhesives
- Epoxy grouts
- Bituminous systems
- Asphalt systems
- Sealants and Adhesives
- Roofing/Roof Coatings
- Cosmetic applications
- Rheology modifier

solvent borne systems

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Everchem Specialty Chemicals

1400 N. Providence Road, Media, PA 19063
Tel: 484-234-5030 Fax: 484-234-5037
www.everchem.com