

# MINIFIBERS, INC.

## SUGGESTED STARTING FORMULATION FOR INTERIOR/EXTERIOR BLOCK FILLER CONTAINING SHORT STUFF® POLYETHYLENE E380F SUGGESTION E-1419 - UCAR ACRYLIC 503

Charge into mixer under agitation:	Pounds	Gallons
Water.....	244.5	29.4
MiniFIBERS' SHORT STUFF® Polyethylene.....	10.0	0.8
 Mix at high speed 20 minutes		
Potassium Tripolyphosphate (KTPP).....	1.5	0.2
Dispersant (Strodex MOK-70 or equivalent).....	3.5	0.4
Dispersant (Tamol 850 or equivalent).....	8.0	0.8
Defoamer.....	2.0	0.2
Ethylene Glycol.....	20.0	2.2
Filming Aid.....	15.0	1.9
Non-Ionic Surfactant.....	2.0	0.2
Preservative.....	3.0	0.3
Odorless Mineral Spirits.....	7.0	1.1
Zinc Oxide.....	50.0	1.1
Titanium Dioxide.....	50.0	1.5
Talc.....	25.0	1.1
Silica.....	50.0	2.3
 Grind		
Water.....	30.0	3.6
UCAR Acrylic 503.....	180.0	19.6
CELLOSIZÉ® Hydroxyethyl Cellulose QP-15,000.....	1.0	0.1
Clay.....	450.0	21.0
Mica.....	50.0	2.1
 Disperse at high speed for 10 minutes, then add slowly at reduced speed:		
Odorless Mineral Spirits.....	8.0	1.3
UCAR Acrylic 503.....	75.0	8.2
 Premix the following items, then add slowly:		
Water.....	18.0	2.1
Ammonium Hydroxide 28%.....	2.0	0.2
TOTAL.....	1305.5	101.7

NOTE: For greater brightness, increase the Titanium Dioxide.

**PAINT PROPERTIES:**

Pigment Volume Concentration (PVC).....	66.5%
Solids by Weight.....	64.8%
Viscosity, Stormer.....	100 to 110 KU
pH.....	8.5
Resistance to Mudcracking.....	Excellent
Application.....	Brush or Roller

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