

40 Series Polymers

01 January 2012

TECHNICAL DATA

SUPER ABSORBENT POLYMERS

CAS # Component Percent OSHA HAZARD 9033-79-8 Acrylic Acid, Polymers, Sodium Salt
Component Information/Information on Non-Hazardous Components The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust is recognized. Super absorbent polymer especially suited to electrolyte resistance and repeated wet / dry cycles

Typical Characteristics

Particle Size Distribution (microns)		
Super-fine blend	40F	1-200
Small blend	40K	200-1000
Medium blend	41K	1000-3000
Large blend	42K	2000-4000
Absorption (g/g) deionized water		>180
Apparent Bulk Density (g/l)		540
Moisture Content (%)		5
pH		5.5-6.0 (+/- 0.5; 1% gel in 0.9% NaCl)

Chemistry: Sodium salt of crosslinked polyacrylic acid

Physical Form: White granules, free flowing

Storage Life: > 1 year, dry conditions, unopened bags/containers

Packaging: 50 pound multi-wall bags; 2205 pound supersacks

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WARRANTY:

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of this product is beyond our control