



Castor Polyols: MSPASTE

Castor-Based Moisture Scavenger

MS PASTE is a moisture scavenger for urethane coatings, castable systems and adhesives. It is a 50% concentration of molecular sieves powder (crystalline Aluminosilicate of Zeolite) in castor oil.

Applications: It has been specifically designed for use in solvent-free polyurethane systems. MS PASTE molecular sieves selectively absorb small polar molecules while excluding large organic molecules. In practice, MS PASTE molecular sieves will absorb water instead solvents or resins.

Typical Usage Level: In polyurethane systems, approximately 2.5 to 5.0% MS PASTE is typically required based on total formulation.

Typical Properties:

Content of Active Zeolite	50%
Pore Diameter	3A
Particle Diameter	2-8 m
Sieve Residue (42 microns)	0.1%
Specific Density (68°F)	78 per Cubic Foot
Viscosity (CPS at 77°F)	13000 ± 2000
Water Absorption (68°F, 50% r.h.)	Approximately 12%
lbs per Gallon	10.1 ± 0.2