

# CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

## Talc MP 40-27

This talc is designed for use in interior and exterior architectural coatings as well as industrial primers and topcoats. Talc's chemically inert nature improves the weatherability of coatings containing talc. The hydrophobic nature of talc contributes to the rheological properties (anti-sag, levelling, and brushability) and gloss of the coating as well as providing sheen control. In addition, the softness of talc reduces wear on processing equipment.

### CHEMICAL ANALYSIS:

SiO <sub>2</sub>	61%
MgO	31%
Fe <sub>2</sub> O <sub>3</sub>	<1.3%
Al <sub>2</sub> O <sub>3</sub>	1.0%
CaO	<0.5
Loss on Ignition	5.5%
Moisture (%weight loss @110°C)	<0.5%

### PHYSICAL ANALYSIS:

Dry Brightness (Hunter)	88
Oil Absorption	30
pH Value	8.8
Specific Gravity	2.8
Bulk Density	20.5 lb/ft <sup>3</sup>
Tapped Density	46 lb/ft <sup>3</sup>
Bulking Value (Wt./Solid gal, lbs.)	23.3
Hegman Fineness	3.75
Retention, 325 Mesh	0%
Average (median) particle size	4.0 microns

**PACKING:** 50 lb. paper bags 40 bags/wooden pallet

**ORIGIN:** USA