

## MicroTouch 800 Series

Highly resilient spherical polyurethane beads that can modify the tactile properties of formulated coatings and inks while improving burnish, scratch and mar resistance

### Features and Benefits

- Virtually indestructible elastic particles that distort when disturbed by a physical force and then return to their original spherical shape when the force is removed
- Provide different tactile effects ranging from satiny smooth to rubbery to leathery in properly formulated coatings
- Different particle sizes available to create a unique surface "touch"
- Improves burnish and abrasion resistance
- Effective gloss reduction

### Composition

Aliphatic polyurethane

### Recommended Addition Levels

2.0-10.0% (higher amounts when greater tactile effects are desired) (on total formula weight)

### Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic, vinyl and leather); architectural wall and trim paints; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; soft touch coatings; floor coatings; visual effects.

## Typical Properties\*

|                                   | <u>MicroTouch 800F</u> | <u>MicroTouch 800VF</u> | <u>MicroTouch 800XF</u> | <u>MicroTouch 800XXF</u> |
|-----------------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| <b>Density @ 25 ° C (g/cc)</b>    | 1.05                   | 1.05                    | 1.05                    | 1.05                     |
| <b>Maximum Particle Size (µm)</b> | 120.00                 | 60.00                   | 31.00                   | 15.00                    |
| <b>Mean Particle Size (µm)</b>    | 22.0 - 30.0            | 11.0 - 15.0             | 6.0 - 9.0               | 3.0 - 5.0                |

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