

KeyToll integrates critical skills, equipment and capability to focus on your external manufacturing requirements

## Our Material Expertise

### Formulated Water-Based Materials

- Color match capability
- Emulsion compounding with fillers and colors
- Wastewater treatment

### Epoxies

- One and two part systems
- Pourable to paste
- Freezer storage capacity

### Polyurethanes

- Polyether formulated blending
- One and two part systems
- Thermoplastic urethane (TPU)
- Light and moisture curable systems

### Specialty Solvent Capability

Your Toll Manufacturing Partner

**KEYTOLL**



## Versatile mixing to optimize your process

### Low Shear

- Stainless steel vessels
- Sizes available from 5 to 5,000 gallons
- Load cell equipped
- Jacketed for cooling and heating
- Materials up to 60,000 cP

### Medium Shear

- Stainless steel vessels
- Up to 3,000 gallons and 100HP
- Materials up to 50,000 cP

### High Shear

- Disperser mixers, up to 60HP
- Range of disperser designs available
- Vessel sizes up to 1200 gallons
- Materials up to 1,000,000 cP

### Planetary Mixers

- Vessels
- 2, 100, 200 & 500 gallons
- Jacketed for heating and cooling
- Vacuum capable
- Up to 50HP
- Materials over 1,000,000 cP

## Technical Support anticipates your needs

Research & Development and Quality Assurance labs are equipped to meet a variety of testing needs.

Chemists and chemical engineers on KeyToll's team support method development and validation.

Statistical Quality Control process data tracking available for raw materials and finished goods.

All data is made available to you in the KeyToll customer portal, allowing for real-time viewing of all your process and logistics data.

### Laboratory Capabilities

- Viscosity
- pH
- Density
- Total solids
- Surface tension
- Tensile strength
- Hardness
- Gel time
- Grind
- Water content
- Slump
- Gardner color

### Analytical lab outfitted with instrumentation for

- Color matching
- Thermal analysis
- Rheology analysis
- Fourier Transform Infrared Spectroscopy (FTIR)
- High-Performance Liquid Chromatography
- Various auto-titrator methods



## On-site inventory for just-in-time delivery

- Raw materials and finished goods storage in freezer, cool room, or ambient conditions
- Bulk storage from 4,500 to 18,000 gallons

## We expertly package, label and ship your material, your way

### Equipped to package material in:

- Tank Wagon
- Railroad Tank Car
- Totes
- Drums specific to your requirements
- Pails, and other small containers
- Variety of cartridge sizes and two part system ratios
- Kits

### Labeling options include:

- Application of pre-printed labels
- Addition of lot numbers and DOM to pre-printed labels or containers
- Shrink sleeves

**KEY POLYMER**  
CORPORATION

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