



## UI-9599 ACCELERATOR

### 1. PRODUCT

UI-9599 Accelerator is an organometallic liquid catalyst. It is designed for use with the single component, liquid applied, moisture-cured and moisture activated polyurethane coatings manufactured by Urethane Polymers International, Inc. (UPI). UI-9599 Accelerator is a clear, low viscosity liquid with a mild odor.

### 2. USE

The UI-7013, UI-7014-HT and UI-7016-AL-HS moisture-cured polyurethane coatings are designed for normal application when the temperature is 50°F or above with humidity levels of 40 to 80%. The initial cure time will vary from 16 to 48 hours with full cure from 2 to 5 days. The higher the temperature and relative humidity, the faster the initial and final cure time.

At temperatures below 50°F, the cure rate of these coatings may slow to many days or even a week at extremely low temperatures. This cure time period can cause the applicator unreasonable delays. The use of UI-9599 Accelerator with these moisture-cured polyurethane coatings will greatly reduce or eliminate these delays.

### 3. PACKAGING

1/4 Pint containers (for use with 5-gallon pails of coating)

1 Quart containers – (for use with 55-gallon drums of coating)

1 Gallon bulk containers

### 4. APPLICATION

The amount of UI-9599 Accelerator to be used will vary with temperature and relative humidity. The following guideline should be followed:

1. At 40-50°F, 50% relative humidity – add 1 quart of UI-9599 Accelerator per 55-gallon drum of UI-7013 polyurethane base coat or ¼ pint per 5-gallon pail. This will provide a cure rate similar to idealized conditions without the use of a catalyst.

2. At 50-65°F, 50% relative humidity - add 1 pint of UI-9599 Accelerator per 55-gallon drum of UI-7013 polyurethane base coat or 2 ounces per 5-gallon pail.

3. Do not use UI-9599 Accelerator at temperatures of more than 65°F.

4. Do not use UI-9599 Accelerator at relative humidity levels of more than 80% at 50-65°F.

5. The use of UI-9599 Accelerator at high humidity levels and / or high temperatures may cause gassing and pinholing of the elastomeric surface.

UI-9599 Accelerator should be added at the job site and dispersed with a mechanical agitator for 3 to 5 minutes or until it is uniformly blended.

Take care not to stir in air. Addition of UI-9599 Accelerator will reduce the shelf life of UI-7013 polyurethane base coat to less than one week in sealed containers and will cause heavy skinning in unsealed containers within 24 to 48 hours.

For extremely low or extremely high humidity conditions or when an installation must support traffic within a very short period, the additional use of UI-9801 Accelerator is recommended. At humidity levels below 20%

R.H., the addition of UI-9599 Accelerator is not of much value. For further information or recommended usage under specific conditions, please contact the UPI Technical Service Department.

### 5. TECHNICAL SERVICE

Technical assistance is available by contacting:

**URETHANE POLYMERS INTERNATIONAL, INC.**  
10880 Poplar Avenue  
Fontana, California 92337  
Phone: (909) 357-7200  
Fax: (909) 357-7215  
Email: [info@urethanepolymers.com](mailto:info@urethanepolymers.com)

### 6. PRECAUTIONS

Before using this product, read the container precaution label and MSDS sheets carefully. Personnel should wear protective clothing and gloves, avoid contact of material with skin or eyes and avoid breathing vapors. Mix and apply in well-ventilated areas and observe normal safety precautions. UI-9599 Accelerator contains organometallics in a liquid carrier. When mixing into coatings keep materials away from heat, sparks and flames. Do not allow use of spark producing equipment during application and until vapors are gone. Wash thoroughly with soap and water if product contacts skin. Consult MSDS for further information.

### 7. LIMITED WARRANTY

Urethane Polymers International, Inc. (UPI) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any UPI materials prove to contain manufacturing defects that substantially effect their performance, UPI will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by UPI with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. UPI specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of UPI's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the UPI material in question.

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