



UI-9950 CURE ACCELERATOR & THICKENER

1. PRODUCT

UI-9950 is a liquid cure accelerator and thickener for use with moisture-cured polyurethane base membranes manufactured by Urethane Polymers International, Inc. (UPI). This material, when added to UPI moisture-cured urethanes, offers several benefits: (1) Will accelerate the moisture cure time which causes the curing coating to become high-build or thicken (2) In addition, UI-9950 promotes uniform and rapid cures at lower temperatures and (3) Prevents excessive out gassing and surface bubbling in thicker coating applications at normal temperatures. The use of UI-9950 provides the applicator with a method to overcome cure irregularities in a multitude of application conditions.

2. FEATURES

- Fast cure time
- Creates a Thixotropic Compound
- Saves in Labor Cost—Apply Two Coats in One Day

3. TYPICAL USES

- Sloping or Vertical Surfaces
- When Quick Access is Necessary
- Creates a Crack or Seam Filler for Plywood Joints and Shrinkage, Cracks in Concrete

4. COLOR

Amber

5. PACKAGING

1 quart (0.95 liter) can
1 gallon (3.78 liter) can

6. APPLICATION

TYPICAL APPLICATIONS INCLUDE THE FOLLOWING:

1. Promotes the cure of MCP-3000 (below grade membrane) at low temperatures to yield only a moderate increase in typical cure times.
2. Allows light traffic on decks coated with UI-7013 (Base Membrane Coating), UI-7014-HT and UI-7016-AR (Intermediate Membrane Coatings) within a matter of hours at standard temperature and humidity.
3. Allows single coat applications of UI-7013 base coat up to 60 wet mils.
4. Slight increase in tensile strength of UPI Base Membranes with no discernible decrease in elongation.

UI-9950 Accelerator & Thickener is added to the moisture-cured urethanes at the job site. Use mechanical agitation for 2 to 3 minutes or until a uniform blend is attained. Take care not to entrap air during mixing. The careful addition of UI-9950 Accelerator to the UPI 7000 Series single component urethane products will reduce the pot-life or application life to ½ hour.

CAUTION: Use at the addition rate of one pint to one quart per pail of base coat. Excessive addition of UI-9950 Accelerator will result in a reduction of physical properties of the cured membrane. This could lead to stickiness, cracking and general premature degradation of the membrane.

UI-9950 Accelerator should not be diluted under any circumstances. Containers should be kept tightly sealed when not in use. The use of UI-9950 Accelerator in moisture cured urethanes leads to the darkening of base coats.

7. 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

8. TECHNICAL DATA

UI-9950 Cure Accelerator & Thickener

<i>PROPERTY</i>	<i>RESULTS</i>	<i>TEST METHOD</i>
Color	Amber Liquid	Gardner
Weight Per Gallon	8.3 lbs.	ASTM D-1475-60
Viscosity @ 77°F	1 – 3 Poise	ASTM D-2393-80
Flash Point (Closed Cup)	>200°C	ASTM D-1310-82

9. 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-9950 Accelerator is classified as a corrosive material and can cause irritation in prolonged exposure. Wash thoroughly if product contacts skin. Consult Material Safety Data Sheet for further information.

10. 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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