



## LA 4009- 18% (Belting and Mining Adhesive)

LA 4009-18 is a high-performance, high viscosity adhesive designed for PU or PVC bonding applications, including belt repair in mining and material handling. It offers high initial bond strength and cures to a durable, heat-resistant final bond, ensuring long-lasting performance in demanding environments.

<b>Technology / Base</b>	Polyurethane
<b>Components</b>	Two component
<b>Curing</b>	Room Temp
<b>Appearance / Color</b>	Clear/ Slight Yellow
<b>Consistency</b>	Liquid

### Technical Data

Property	Value	Condition/Method
<b>Un-Cured Properties</b>		
Viscosity	5,000-10,000 cPs	Brookfield RVT#4/ 20 RPM
Solids	18 +/- 1 %	
Weight Per Gallon	7.29 lbs/gal +/- .2	
Shelf Life	12 Months	
Effects of Freezing	Reversible Gel	

#### Application Properties:

MIXED POT LIFE: 8 hours

Working Life: 8 hours

Reactivation Time: up to 8 hours

Cure Time: 5-7 days at room temperature or 1 hour @ 212 degrees F

NOTE: Initial bond strength is high and strong bonds are achieved overnight.

Accelerator Mixing Ratio: 2.14 parts/100 by weight or 2 fluid ounces for one gallon of LA 4009-18.

#### Application

- Pre-wash surfaces with a damp cloth using MEK or Acetone.
- Allow to dry for 5 minutes minimum.
- Mix LA 4009EU with the appropriate amount of accelerator (ACC4009 or CAT UR) and mix until

uniform. The catalyzed system has a pot life of eight hours.

- Apply 2-3 liberal coats of adhesive to the surfaces to be bonded, allowing 5-10 minutes drying time between coats.
- Fifteen minutes after application of the last coat, combine the surfaces with one of the following methods:
  - With a damp cloth of MEK, swab both surfaces to be mated.
  - Allow the excess solvent to “flash off” (approximately 15-30 seconds)
  - Join the surfaces when aggressively tacky and apply pressure with a hand roller. The tack or open time will depend upon thickness of the dry film and the quantity of solvent applied to the film for reactivation.

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**Safety**

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See SDS sheet for complete details.

Solvent clean up: Ketone

Recommended Storage 45°F - 85°F. Keep out of direct sunlight. Mix well before use.

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