

Product Data Sheet

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PRODUCT #: N8058**PREPBOND**

Alkaline Cleaner

DESCRIPTION: An alkaline cleaner for use in the **LAYERBOND 2000** adhesion promoter process. **PREPBOND** provides complete surface preparation for this process, eliminating the need for a microetch. It completely removes residues from resist stripping, and is extremely effective for removing handling soils and fingerprints. For spray, flood and soak applications.

BENEFITS:

- Simplified surface preparation for **LAYERBOND** adhesion promoter
- Completely removes residues from resist stripper
- Effective in spray, flood and soak applications.
- Used at low concentration
- Non-etching

SPECIFICATIONS:

Density:	1.04 gm/ml, 8.6 lbs./gal.
pH at 10% :	13
Flash Point:	>210°F (SCC)
VOC Content (EPA Method 24):	30%, 2.6 lbs./gal.

INSTRUCTIONS:

Concentration:	5 - 15%
Temperature:	90° - 130°F
Dwell Time:	Spray/Flood 60 seconds
	Soak 1 - 2 minutes

Dilute **PREPBOND** concentrate with water to the desired operating concentration, and heat to operating temperature. Analyze for percent concentration according to analysis procedure on reverse, and add **PREPBOND** concentrate to maintain concentration.

Refer to **LAYERBOND 2000** technical data sheet for complete process information.

Tanks or equipment can be constructed of stainless steel, PVC, or polypropylene. Heaters should be stainless steel or Teflon.

CAUTIONS: **PREPBOND** is alkaline; contact with skin and eyes should be avoided. Goggles and gloves should be worn when handling this product. In case of contact with eyes, flush with water for at least 15 minutes and obtain medical assistance. For skin contact, rinse immediately with water, and wash with soap and water. Use in a well-ventilated area.

DISPOSAL: Neutralize and dispose of in accordance with all local, state and federal regulations.

ANALYSIS:

Equipment required: 10 ml pipette
50 ml burette
250 ml Erlenmeyer flask

Reagents required: 1.0N Hydrochloric acid standard solution
Methyl Orange indicator solution

Procedure:

1. Pipette a 10 ml sample of the working solution into a 250 ml Erlenmeyer flask.
2. Add 100 ml distilled water. Mix.
3. Add approximately 7 drops of methyl orange indicator solution.
4. Titrate with 1.0N hydrochloric acid until the color changes from yellow to orange. Record mls used.

OR

Titrate with 1.0N hydrochloric acid, using a pH meter, to a pH end point of 3.8.
Record mls used.

Calculation:

(mls of hydrochloric acid) X (N of hydrochloric acid) = Percent **PREPBOND**
(by volume)

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.