



# Prep Solvent-70 Cleaner

Technical Bulletin

November, 2001

## 3M™ Prep Solvent-70 Cleaner: A Stronger Alternative to Isopropyl Alcohol and Water for Many Difficult to Clean Surfaces

Prep Solvent-70 Cleaner is a microencapsulated water-based cleaning solution that can be evaluated as an alternative to the typically suggested isopropyl alcohol and water mix, 50% each, when greater contamination, oil or grime is encountered. Prep Solvent-70 Cleaner has been shown effective when cleaning surfaces contaminated with **oil, silicones, and mold release agents**.

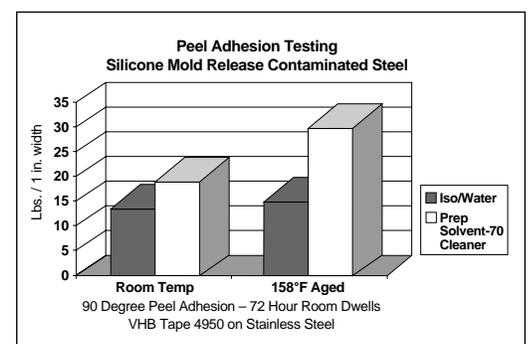
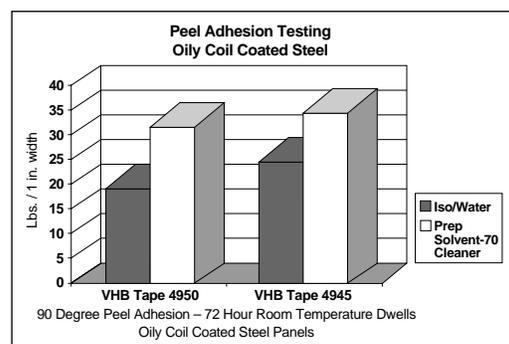
### Benefits

- Higher ultimate adhesion on substrates that contain heavy grime, oil, silicones or mold releases than when using isopropyl alcohol/water solution.
- Less effort required than when using isopropyl alcohol/water.
- Effective on most bare metals and steel, stainless steel, and painted metals.
- Compatible with 3M™ VHB™ Acrylic Foam Tapes.

**Note:** This cleaner contains greater than 250 g/l of volatile organic carbons (VOC). Less water, less exempt solvents. Please contact your local Air Quality Regulation to be sure the cleaner is compliant.

### Testing

Extremely oily metal and silicone contamination can be difficult to clean with isopropyl alcohol/water. The following are test results on stamped metal which underwent a very oily stamping process and panels that were contaminated with silicone release agents.



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### Suggested Cleaning Procedures

Apply 3M™ Prep Solvent-70 Cleaner to the surface to be cleaned, either directly or soaking a clean rag or paper towel. Rub vigorously in a scrubbing manner to lift and remove contaminants. Turn rag or paper towel a few times. Rub until most of the Prep Solvent-70 Cleaner has either soaked into the rag or towel and or water has evaporated. Return to give a final “buff” and dry with a new clean paper towel or rag. The surface must be completely dry. The cleaned and dry surface should be ready to accept 3M™ VHB™ tape.

Effectiveness of Prep Solvent-70 Cleaner when cleaning a heavy grimy or oily surface can be verified prior to tape application by giving a second round of cleaning with Prep Solvent-70 Cleaner or another solvent. If properly cleaned, little to no grime or oil will be evident on a new rag or paper towel upon this second application.

Since this solution is 85% water, please keep from freezing. If the solution has been exposed to freezing temperatures, a vigorous shaking is suggested because freezing might induce some separation.

**Note:** Prep Solvent-70 Cleaner has been evaluated on various materials, but we cannot guarantee it will work on all materials.

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### Precationary Information

Refer to the Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

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### For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/adhesives](http://www.3M.com/adhesives). Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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ISO 9002

This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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