



CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 03/05/2002
 Experimenters: Jason Marshall
 ClientType: General
 ProjectNumber: Project #1
 Substrates: Other
 PartType: Coupon
 Contaminants:
 Cleaning Methods:
 Analytical Methods:

Purpose: Trying to ascertain the quality and effectiveness of SWR One
 Experimental Procedure: Database search of test results for specific product was conducted and the specific reports were located in client notebooks.

Results: Summary of Testing

| 2002-9-170-0-0-9 SWR Corp SWR One | | | | | | | | | |
|-----------------------------------|-------|---------|----------------|------|--------|------|------------------|------------|--------|
| SubstrateDescription | Total | Alcohol | Cutting Fluids | Dirt | Fluxes | Inks | Lubricating Oils | Phthalates | Solder |
| Aluminum | 3 | | 2 | | | | 1 | | |
| Brass | 4 | | 1 | 1 | | | 2 | | |
| Ceramics | 3 | 3 | | | | | | | |
| Glass/Quartz | 2 | | | | | | | 2 | |
| Plastic | 6 | | | | 3 | | | | 3 |
| Stainless Steel | 2 | | | | | 2 | | | |
| Steel | 3 | | 1 | 1 | | | 1 | | |
| Totals | 23 | 3 | 4 | 2 | 3 | 2 | 4 | 2 | 3 |

Copies of the following reports were included with the summary:
Trials

| |
|-----------------|
| 2000-0-153-58-0 |
| 00-7123-08-4 |
| 00-7123-07-4 |
| 00-7123-06-4 |
| 00-7123-05-2 |
| 00-7123-03-4 |
| 00-7123-02-2 |
| 00-7120-02-4C |
| 00-7120-01-2C |
| 99-7108-04-4C |
| 99-7108-02-1C |
| 99-6102-03-4 |
| 99-6102-02-4 |
| 98-688-01-6 |
| 98-675-07-4 |
| 98-675-06-4 |
| 98-674-04-2 |
| 98-679-01-2 |
| 98-675-04-2 |
| 98-675-03-2 |
| 98-675-02-2 |

Summary:

| | | | | | |
|----------------------|----------------------|---------------|--------------------|-------------------|----------------------|
| Substrates: | Other | | | | |
| Contaminants: | | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |

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|-----------------|---------|---|------|--------------------------|--|
| SWR Corporation | SWR One | 0 | 0.00 | <input type="checkbox"/> | |
|-----------------|---------|---|------|--------------------------|--|

Conclusion:

Please note: The Toxics Use Reduction Institute's Surface Solutions Laboratory can supply MSDSs and any available Technical Data Sheets for all chemical cleaners tested. Not all cleaners tested are ranked equally for environmental, health and safety considerations; some are selected for comparative purposes only. The most accurate, up-to-date information concerning cleaning chemistries can be obtained at the Institute's Technology Transfer Center (TTC) using Database TOMES: Toxicological, Occupational, Medical and Environmental Series.