

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/09/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Inks

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Four products were diluted to 5% and heated to 130 F. Stainless steel coupons were coated with Cerdec Magenta Ink (20667-12-3, 1345-24-0, 65997-18-4, 119-18-4).

Results: Both contaminant and solutions are smelly. The contaminant: paint. The solutions: soap.

Summary:

|                           |                           |                 |                    |                          |                      |  |
|---------------------------|---------------------------|-----------------|--------------------|--------------------------|----------------------|--|
| <b>Substrates:</b>        |                           | Stainless Steel |                    |                          |                      |  |
| <b>Contaminants:</b>      |                           | Inks            |                    |                          |                      |  |
| <b>Company Name:</b>      | <b>Product Name:</b>      | <b>Conc.:</b>   | <b>Efficiency:</b> | <b>Effective:</b>        | <b>Observations:</b> |  |
| Oakite Products           | Oakite Low Heat Cleaner 1 | 5               | 14.00              | <input type="checkbox"/> |                      |  |
| Man Gill Chemical Company | Gillite 1156              | 5               | 13.00              | <input type="checkbox"/> |                      |  |
| Calgon Corporation        | RT 806                    | 5               | 15.00              | <input type="checkbox"/> |                      |  |
| Heatbath Corporation      | Uni Kleen 10              | 5               | 14.00              | <input type="checkbox"/> |                      |  |

Conclusion:

No product removed over 20%