CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 08/10/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Greases, Inks, Lubricating/Lapping Oils, Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.

Laboratory evolution.
Contaminant: Oil, CAS: 64741-89-5
Lubricant, CAS: 64742-47-8, 9003-29-6
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Grease, CAS: 64742-47-8
Adhesive, CAS: 9010-98-4, 65997-13-9, 68083-03-4, 108-88-3, 67-56-1, 1314-13-2, 117-47-1, 8052-10-6

Results: 10% lifted adhesive, got pealed off during hook removal. Beaded up lubricant to top within first 2 minutes. Active foaming action on grease.

Summary:

Substrates:	Copper, Nickel, Stainless Steel				
Contaminants:	Adhesive, Greases, Inks, Lubricating/Lapping Oils, Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Safe Science Inc	Safe Science Concrete/Graffiti (Industrial)	100	101.98	☑	oil, copper
Safe Science Inc	Safe Science Concrete/Graffiti (Industrial)	100	101.70	☑	lubricant
Safe Science Inc	Safe Science Concrete/Graffiti (Industrial)	100	37.00	☐	ink
Safe Science Inc	Safe Science Concrete/Graffiti (Industrial)	100	66.10	☐	grease
Safe Science Inc	Safe Science Concrete/Graffiti (Industrial)	100	86.00	☑	adhesive
Safe Science Inc	Safe Science All Purpose (Industrial)	10	77.80	☐	oil, ss
Safe Science Inc	Safe Science All Purpose (Industrial)	10	79.50	☐	lubricant
Safe Science Inc	Safe Science All Purpose (Industrial)	10	74.50	☐	ink
Safe Science Inc	Safe Science All Purpose (Industrial)	10	94.30	☑	grease
Safe Science Inc	Safe Science All Purpose (Industrial)	10	96.00	☑	adhesive

Conclusion: