CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/29/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Paints, Resins/Rosins

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.

Cleaning: 5 min. immersion at 120 F with stir-bar agitation.
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant:

1. Adhesive/Resin: Gelva multipolymer resin solution.
Cas # : 50862-46-9

2. Paint - Nybco Designer Colors Satin finish 4660 Country Blue, Contains Toluene, Xylene, Acetone

Results: 1.On cleaning resin with Solsafe 245 it was observed that surface was cleaned at some places and bubble sort of encapsulation was observed at other places, where cleaner might be trapped, thus increasing the final weight.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Paints, Resins/Rosins				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Today & Beyond	Beyond 2007	5	1.81	☐	Contaminant: Resin
Today & Beyond	Beyond 2007	5	0.37	☐	Contaminant: paint
Today & Beyond	Beyond 2004	5	2.40	☐	Contaminant: resin
Today & Beyond	Beyond 2004	5	2.56	☐	Contaminant: paint
Bio Chem Systems	Solsafe 245	100	232.75	☐	Contaminant: resin
Oakite Products	Citradet	5	0.97	☐	Contaminant: resin
Oakite Products	Oakite 77		3.26	☐	Concentration: 60gm/l; Contaminant: Resin

Conclusion: