CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	1999
DateRun:	07/15/1999
Experimenters:	Nicole Vayo
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Copper
PartType:	Coupon
Contaminants:	Coatings, Inks
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Gravimetric, Visual
Purpose:	Laboratory evaluations of alternative cleaning products
Experimental Procedure:	Two products were diluted to 5% and heated to 130 F. Copper coupons were coated with a coating and an ink.
Results:	The black dye may be pulling off some copper during immersion. These two products don't react with copper. No signs of corrosion were detected visually.

Summary:

Substrates:	Copper				
Contaminants:	Coatings, Inks				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
MacDermid Industrial Products	New Dimensions LF Supreme	5	42.00	☐	coating
MacDermid Industrial Products	New Dimensions LF Supreme	5	105.00	☐	ink
Chemical Technologies	Green Thunder	5	83.00	☐	coating
Chemical Technologies	Green Thunder	5	102.00	☐	ink

Conclusion: Mostly successful in removing the ink. Some mixed results on the coating.