

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/16/1999

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	<input type="checkbox"/>	coating
MacDermid Industrial Products	New Dimensions LF Supreme	5	105.00	<input type="checkbox"/>	ink
Chemical Technologies	Green Thunder	5	83.00	<input type="checkbox"/>	coating
Chemical Technologies	Green Thunder	5	102.00	<input type="checkbox"/>	ink

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