

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	<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.