

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #:

2008

DateRun:

04/17/2008

Experimenters:

Jason Marshall, Shweta Bansal

ClientType:

Machining Company

ProjectNumber:

Project #1

Substrates:

Aluminum

PartType:

Coupon

Contaminants:

Inks

Cleaning Methods:

Manual Wipe

Analytical Methods:

Visual

Purpose:

To evaluate new product with low voc and no HAPs on all six inks.

Experimental Procedure:

One coupon was coated with each of the six supplied inks. These included Dykem Stop Off, Markal Valve Action Paint marker, Nu-Mark marker, Sharpie permanent marker, Sakura Coatings Product Company Solid Marker and the Avery Marks-A-Lot permanent marker (black). Once dry, coupons were cleaned using a handheld swab that was immersed into the cleaning product. Cleaning lasted for up to 1 minute. Following the cleaning, the coupons was wiped dry for 5 seconds. Observations were made and recorded.

Results:

Contaminant	Observation
Dykem	Required under 30 seconds to clean
Markal	Worked well
Nu-Mark	Worked well
Sharpie	Worked well - slight blue residue left
Sakura	Worked well under 1 minute
Avery	Worked well

Summary:

<b>Substrates:</b>	Aluminum				
<b>Contaminants:</b>	Inks				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Vertec BioSolvents	VertecBio Gold 3	100		<input checked="" type="checkbox"/>	

Conclusion:

The Vertec Bio Gold #3 worked on all six inks.