

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009
 DateRun: 01/19/2009
 Experimenters: Jason Marshall, Daniel Pina
 ClientType: Wire & Cable Mfr
 ProjectNumber: Project #2
 Substrates: Galvanized Steel
 PartType: Part
 Contaminants: Inks
 Cleaning Methods: Manual Wipe
 Analytical Methods: Visual

Purpose: To evaluate selected products for ink removal from supplied parts using manual wiping.

Experimental Procedure: Five products from the previous trial were selected based on ink removal. Each product was used at full strength and room temperature. A Kimberly Clark reinforced Wypall X60 reinforced wiper was soaked with a cleaning product and then used to wipe ink off of a section on ink coated galvanized steel cable housing. Cleaning was stopped after 5 minutes and observations were made.

During the course of the experiment, a sixth product was included based on vendor recommendation for ink removal.

Cleaner	Observations	Rank
DBE 6	Required more than 5 minutes Little ink removal	5
Shopmaster RC	Required more than 5 minutes Little ink removal	5
SC Soyester	Required more than 5 minutes Part of wire cleaned - fair ink removal	4
Graffiti Remover SAC	Required more than 5 minutes Removed most of the ink	2
Smart Solve 605	Required more than 5 minutes Most ink removed	3
Vandal Mark Remover	Less than 5 minutes Removed ink in under 2 minutes	1

Substrates:		Galvanized Steel				
Contaminants:		Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
Invista S.a.r.l	Flexisolv DBE 6 ester	100	0.00	<input type="checkbox"/>		
Buckeye International	Shopmaster RC	100	0.00	<input type="checkbox"/>		
Gemtek Products	SC Soyester	100	0.00	<input type="checkbox"/>		
Spartan Chemical Company	Graffiti Remover SAC	100	0.00	<input checked="" type="checkbox"/>		
United Laboratories International	Smart Solve 605	100	0.00	<input checked="" type="checkbox"/>		
United Laboratories International	Vandal Mark Remover	100	0.00	<input checked="" type="checkbox"/>		

Conclusion: Of the five previously tested products, Graffiti Remover SAC and Smart Solve 605 worked the best. The added sixth product however worked better than both of these products. The one concern with the Vandal



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Mark Remover is that it may not be the safest product to use. A further review of EH&S materials will be conducted.