CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 06/14/2000

Experimenters: Jason Marshall

ClientType: General

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Resins/Rosins

Cleaning Methods:

Analytical Methods:

Purpose: Information request

Experimental Procedure: SUBSTRATE MATERIAL: Metal tools
REQUEST: Interested in replacement cleaners for cleaning tools contaminated with epoxy resin. Currently using methylene chloride.

Results: Using the ALL TESTS Database, the query yielded the following information products which have been used by SCL in cleaning trials:

General Test Results					
SCL #	Substrate	Contaminant	Process	Manufacturer	Product
98-622-04-2	SS	RESIN	IMMERSION	GEMTEK	SC 1000
98-622-04-2	SS	RESIN	IMMERSION	T-SQUARE	HTF 50
98-622-04-2	SS	RESIN	IMMERSION	CHRISAL USA	SUPER CMF 240
98-622-05-2	NONE	RESIN	IMMERSION	GEMTEK	SC 1000
99-622-08-1	NONE	RESIN	IMMERSION	Savogran	HD 34
99-622-09-2	NONE	RESIN	IMMERSION	Savogran	HD 34
99-622-09-2	NONE	RESIN	IMMERSION	GEMTEK	SC SUPERSOLVE
99-622-10-4	NONE	RESIN	IMMERSION	GEMTEK	SC SUPERSOLVE
99-622-13-2	SS	RESIN	IMMERSION	Envirosolutions, Inc.	BIO-T 300 B
00-722-15-2	SS	RESIN	IMMERSION	SAFESCIENCE	Safe Science All Purpose
00-722-15-2	SS	RESIN	IMMERSION	ISP Technologies	SAFE STRIP RESIN CLEANER
00-722-15-2	SS	RESIN	IMMERSION	Envirosolutions, Inc.	BIO T MAX
00-722-16-4	SS	RESIN	IMMERSION	Envirosolutions, Inc.	BIO T 300 B
00-722-16-4	SS	RESIN	IMMERSION	Finger Lakes Chemicals	RESINEATER
00-722-16-4	SS	RESIN	IMMERSION	Solvent Kleene, Inc.	D-Greeze 500 LO
00-722-16-4	SS	RESIN	IMMERSION	Savogran	SI #4 Coating Remover
00-722-16-4	SS	RESIN	WIPE	Savogran	SI #4 Coating Remover
00-722-16-4	SS	RESIN	WIPE	Solvent Kleene, Inc.	D-Greeze 500 LO
00-722-16-4	SS	RESIN	WIPE	Finger Lakes Chemicals	RESINEATER
00-722-16-4	SS	RESIN	WIPE	Envirosolutions, Inc.	BIO T 300 B

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Using the lab's Industrial Cleaning Survey: Directory of Vendors, 4th edition, the following products were identified as potential resin cleaners using immersion cleaning systems.

Company Name	Product Name
Alconox, Inc.	Alconox
Alconox, Inc.	Det-O-Jet
Alconox, Inc.	Detergent 8
Alconox, Inc.	Luminox
AW Chesterton	278 Super Solv
Brulin Corporation	Compliance
Buckeye International	Shopmaster
Drummond American	Keynote
Dynamold Solvents, Inc.	DS-104
Dynamold Solvents, Inc.	DS-108
Ecolink	Safe Strip
Envirosolutions, Inc.	Bio T 200 A
Envirosolutions, Inc.	Bio T Max
Envirosolutions, Inc.	SOLSAFE 245
Hotsy Cleaning Systems	Hotsy Detergents Tub & Pressure Wash
Kyzen Corporation	Ionox FCR
Oakite Products	Inproclean 4000 T
Savogran	HD-34 Cleaner Degreaser
Simple Green	All Purpose Cleaner/ Degreaser
Smart Sonic	440-R SMT Detergent
Solvent Kleene, Inc.	D-Greeze 500 LO
Tower Products, Inc	Tower 270 Cleaner Concentrate
U.S. Polychem Corp.	Polychem 2000 P
U.S. Polychem Corp.	Polychem A 2000 XS
U.S. Polychem Corp.	Polychem DEOX - 007
U.S. Polychem Corp.	Polyspray Jet 790 C
U.S. Polychem Corp.	Polyspray Jet 790 P
U.S. Polychem Corp.	Polyspray Jet 790 XS
Valtech Corporation	Valtron SP 2200
Valtech Corporation	Valtron SP 2250-2LF
W.R. Grace & Co.	Daraclean 200
W.R. Grace & Co.	Daraclean 212
W.R. Grace & Co.	Daraclean 235
W.R. Grace & Co.	Daraclean 282
W.R. Grace & Co.	Daraclean 282 GF
W.R. Grace & Co.	Daraclean 283

Summary:

Conclusion: Cleaning projects vary from case-to-case. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.