

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 08/13/1998

Experimenters: Jason Marshall

ClientType: TUR Agency

ProjectNumber: Project #1

Substrates: Steel

PartType: Part

Contaminants: Resins/Rosins, Rubber

Cleaning Methods:

Analytical Methods:

Purpose: To replace MEK for removal of nitril rubber or a butyl based rubber.

Experimental Procedure: SUBSTRATE MATERIAL: Steel
QUESTION ASKED: Trying to replace MEK for removal of a nitril rubber or a butyl-based rubber. What are the possible aqueous cleaners that could be used?

Results: RESPONSE/ANSWER: In 1998, the Massachusetts Toxics Use Reduction Institute (TURI) will publish the results of the tests conducted at the Institutes Surface Cleaning Laboratory (SCL) in a searchable database/spreadsheet format. This should make alternative cleaner selection faster and easier. Even though the results listed below do not all relate to the rubber contaminant, some of the adhesives and coatings are very similar in their makeup. Here are the results of your query, based on the information supplied:

SCL #	Substrate	Contaminant	Process	Cleaner
94-402-01-8	SS	ADHESIVE	IMMERSION	MACDERMID
95-416-04-2	SS	ADHESIVE	MANUAL	AW CHESTERTON & SOLVENT KLEENE
95-416-04-2	SS	ADHESIVE	MANUAL	MACDERMID & SOLVENT KLEENE MIX
96-419-03-3	SS	COATING	IMMERSION	TSQUARE
96-419-04-2	SS	COATING	IMMERSION	US POLYCHEM
96-426-01-2*	STEEL	COATING	BLASTING	ARMEX
97-538-04-2	SS	COATING	IMMERSION	CALGON
97-538-04-2	SS	COATING	IMMERSION	CARROLL
97-538-04-2	SS	COATING	IMMERSION	LPS
97-538-04-2	SS	COATING	IMMERSION	QUAKER
97-538-04-2	SS	COATING	IMMERSION	US POLYCHEM
97-538-04-2	SS	COATING	IMMERSION	VALTECH
97-543-02-3*	STEEL	RUBBER	BLASTING	ARMEX

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.