CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	04/28/2002
Experimenters:	Jason Marshall
ClientType:	Metal
ProjectNumber:	Project #1
Substrates:	Aluminum, Stainless Steel
PartType:	Part
Contaminants:	Adhesive, Coatings
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Visual
Purpose:	To evaluate successful cleaners on supplied part
Experimental Procedure:	The one successful product from the previous trial (International Products Surface Cleanse 930) was diluted to 10% using DI water in a 2000 ml beaker and heated to 130 F on a hot plate. A portion of the supplied part was immersed into the solution and soaked for 1 hour. The part was observed at 5, 10, 20, 30 and 60 minutes to determine the effectiveness of the cleaning. At each interval, the part was pulled from the solution and wiped with a paper towel. Contaminants: Bob Smith Industries Insta-Cure adhesive (7085-85-0), Insta-Set (64742-89-8, 99-97-8) and a water soluble sealant.
Results:	The cleaner was successful in dissolving the green water soluble sealant. After the hour of soaking the metal foil was easily peeled off of the metal ring. Observations are recorded in the table below.

Table 1. Cleaning Interval Observations

Time (min)	Observations
5	Starting to dissolve the green sealant
10	Green wipes off easily
20	The cleaning solution started turning green
30	Most of the green sealant was removed
60	Peel metal off easily, metal under film looked free of adhesive

Summary:

Substrates:	Aluminum, Stainless Steel				
Contaminants:	Adhesive, Coatings				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
International Products Corporation	Surface Cleanse Concentrated Neutral 930	10	0.00	☑	

Conclusion: Upon further review, it appears that Surface Cleanse 930 may be successful in separating the metal foil from the ring.