

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009

DateRun: 04/30/2009

Experimenters: Heidi Wilcox

ClientType: Wire & Cable Mfr

ProjectNumber: Project #2

Substrates: Plastic

PartType: Part

Contaminants: Greases, Dirt, Fingerprints, Oil

Cleaning Methods: Manual Wipe

Analytical Methods: Visual

Purpose: To evaluate one product client is interesting in using for cleaning cables in order to replace TCE

Experimental Procedure: About 6 inches of the end of each customer supplied cable were taped off and then Designated ends of the cable were wiped with the cleaner chosen, Vertrel SDG using Wypall reinforced cotton paper towel at room temperature, 68 F, for 10 – 15 seconds with no rinse and they were let to air dry. The cleaned ends were then wrapped in parafilm and the cables were sent back to the client for evaluation.
Substrates: Varying types of cable jackets including; poly u, poly e, neoprene, xl polyolefin, nylon

Results: The client supplied cable jackets were cleaned with the Vertrel SDG. There is no way for the lab to know if What was done for cleaning is sufficient until the client contacts us.

Summary:

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|----------------------|----------------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Plastic | | | | |
| Contaminants: | Greases, Dirt, Fingerprints, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| DuPont | Vertrel SDG | 100 | | <input type="checkbox"/> | |

Conclusion: The cables were sent back to the client for analysis on if the jackets were clean enough for the next step in the manufacturing process. Waiting to hear from the client.