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RESEARCH EXPENDITURES FOR ENVIRONMENTAL CONTROL

Attached is information concerning the cost of environmental control research being done in the R. & D. Division. This information was originally gathered in response to a request from R. S. Prengle. I have reworked the information and put it in a form which I hope will be of use to you:

<u>Manpower</u>	<u>Job Description</u>
1. Automotive and refinish	
0.1	Lucite® support for pollution control conformance on West Coast.
0.5	980/981 lacquer thinner conformance.
0.1	RC-5401 organosol resin thinner conformance.
0.33	Support for Roberts and Roberts program.
0.75	Solvent reformulation of 931-Line "Centari" acrylic enamel, mixing machine.
3.0	Powder Coatings (1/3 of total effort).
2. Trade and Industrial Finishes	
0.95	Solvent reformulation of existing Industry 10 and 11 products.
0.5	Evaluation of replacements for W-243 channel black.
0.1	Solvent reformulation of existing products.
0.15	Solvent reformulation of 963-Line.
0.1	Solvent reformulation of 738-Line.
3.0	Removal of mercury from Trade Sales finishes.
0.1	Solvent reformulation of "Centari," brush quality.
0.2	Solvent reformulation of resins.

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<u>Manpower</u>	<u>Job Description</u>
3. Production Technology	
0.8	Design and coordination of effluent sampling program - E. Zinser.
0.5	Computer model for solvent reformulation.
0.1	Miscellaneous analytical work on pollution problems.
0.8	Solvent emission problems } F. Klein
0.7	Solid waste disposal problems } W. Toole
0.5	Conforming solvent studies.
0.5	Odor problem during manufacture, miscellaneous problems.
4. Exploratory and New Venture Scouting	
2.0	Powder Coatings - J. R. Huntsberger and E. B. Fitz Gerald.
1.0	High solids finishes - W. Z. Zimmt.
5. Industrial Products	
0.5	Solvent reformulation of existing products.

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WWM/ps