



**CALIFORNIA STATE SCIENCE FAIR  
2008 PROJECT SUMMARY**

<b>Name(s)</b> <b>Courtney N. Melanson</b>	<b>Project Number</b> <b>J1225</b>
<b>Project Title</b> <b>Keeping the Finish!</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective was to find out what happens to 20 car panels when 10 were striped of everything but the paint and 10 were striped of everything but paint and then had protective sealant and materials that are hazardous to paint applied and left to sit.</p> <p><b>Methods/Materials</b></p> <ol style="list-style-type: none"><li>1. 4 Eggs</li><li>2. 4.5 ounces Soda</li><li>3. 6 ounces hard-water</li><li>4. 5 ounces ketchup</li><li>5. 5 ounces mustard</li><li>6. 5 ounces shaving cream</li><li>7. 5 ounces shoe polish</li><li>8. 5 ounces break fluid</li><li>9. 4 ounces saliva</li><li>10. 5 ounces salt</li><li>11. 20 Car Panels</li><li>12. 6 feet of masking tape</li><li>13. 6 ounces Protective Sealant (Teflon)</li><li>14. Micro-fiber rag</li><li>15. 21 baby wipes</li></ol> <p><b>Results</b> Most of the car panels had very little damage. The few panels that did have damage though had severe damage, such as the panels containing eggs, brake fluid and mustard.</p> <p><b>Conclusions/Discussion</b> I think the project was successful in what I was trying to accomplish but if i were to re-conduct this experiment I would probably change the materials I used on the panels.</p>	
<b>Summary Statement</b> The effects of enviornmental and industrial materials on a car's painted surface.	
<b>Help Received</b> Father helped apply materials to panels; Dad's co-worker cut panels; Sister took pictures.	