**Forensic Paint Crossword Puzzle Key**

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| **Across:** | | | | | | | | |  |  | **Down:** | | | | | | |  |  |  |  |  |  |
| 1. Unpigmented paint layer; adds gloss and | | | | | | | | | | | 2. | | | Paint layer; hides imperfections | | | | | | | | | |
| durability (clearcoat) | | | | | | | | |  |  |  |  |  | (primersurfacer) | | | | | | |  |  |  |
| 5. Paint is composed of pigments and a \_\_\_\_\_ 3. | | | | | | | | | | | | | | Absorbed by binders to yield a spectrum | | | | | | | | | |
| (binder) | | | | | | | | |  |  |  |  |  | that is unique to a certain specimen | | | | | | | | | |
| 6. The most important instrument for | | | | | | | | |  |  |  |  |  | (infrared) | | | |  |  |  |  |  |  |
| comparing paint chips (microscope) | | | | | | | | |  |  | 4. | | | Examiner matches number and sequence of | | | | | | | | | |
| 7. When a paint sample is heated to high | | | | | | | | |  |  |  |  |  | colors (paintlayers) | | | | | | |  |  |  |
| temperatures until it transforms into a gas | | | | | | | | | | | 8. | | | Paint layer; actual color of a vehicle | | | | | | | | | |
| (pyrolysis) | | | | | | | | |  |  |  |  |  | (basecoat) | | | |  |  |  |  |  |  |
| 10. Most common type of crime where paint | | | | | | | | | | | 9. | | | The most distinctive forensic characteristic | | | | | | | | | |
| analysis is utilized (hitandrun) | | | | | | | | |  |  |  |  |  | of paint (color) | | | | | | |  |  |  |