**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) |  |  |  |