

TECHNICAL INFORMATION

ULTRA CYANO-SHOT™

Catalog No. CNA4000

Application

To accelerate the creation of cyanoacrylate fumes needed for latent print development on most non-porous surfaces.

INTRODUCTION

Cyanoacrylate (ethyl or methyl) vapor reacts to the moisture content of latent prints found on most non-porous surfaces—forming a hard, white coating conforming to the ridge structure. This kit is meant for applications where a heating plate is not available. It is easy to use in the lab or field, and can be utilized for large objects including bodies and vehicles.

PROCEDURE

1. Empty the contents (blue liquid) of the CNA400 Activator Solution into the plastic development container.
2. Invert the HG2 Activator Crystals canister so that the side with the hole in it is facing down. Insert it into the blue liquid.



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| Hazards/Safety Info | <u>HMIS</u> | Prior to using this product consult all of the appropriate Material Safety Data Sheets (MSDS). Go to: www.sirchie.com/support . |
| | H 1 | |
| | F 0 | This product generates considerable heat. After use, do not handle any of the components until thoroughly cooled down. |
| | R 1 | Dispose of the used components in accordance with all federal, state and local regulations. While cyanoacrylate vapor is non-toxic, the fumes are quite noxious. Avoid breathing these vapors. |

3. Empty the contents of the CNA5 Cyanoacrylate compound onto the metal top (solid side) of the canister.
4. Place the assembly inside the area to be fumed.

SPECIAL NOTE! To judge whether development time has been adequate, put a test print on a black surface such as the FR201 Fuming Control Cards, and include it in the fuming area.

FOR USE ON: Non-porous surfaces such as plastics, metals (finished and unfinished), glass, enamel or varnished wood surfaces, cellophane, metal foils and plastic-coated papers (not suitable on most porous surfaces or older latent fingerprints).

References

German, Edward, CLPE, FFS, Cyanoacrylate (Superglue) Fuming Tips, <www.onlin.com>: September 23, 2010.

"Processes Involved in the Development of Latent Fingerprints Using the Cyanoacrylate Fuming Method", Lewis, L., Smithwick, R., Devault, G., Bolinger, B., & Lewis, S., Jor. Forensic Sciences, Vol. 46, No., 2, March 2001, pp.241-246.

CNA400 CONTENTS:

- 1- KCP198 Plastic Development Container, 1 qt.
- 1- CNA400 Activator Solution, 2 oz. (60ml)
- 1- HG2 Activator Crystals, 180g
- 1- CNA5 Cyanoacrylate, 5ml