



ATLANTA CHEMICAL ENGINEERING

Balancing Creativity and Functionality

Instructions for Use Thermochromic Liquid Ink

- Before use, make sure to stir the Thermochromic (color changing) Liquid Ink in the container well.
- The Thermochromic (color changing) Ink is NON-TOXIC or harmful to human health, but generally, when working with inks it is recommended to wear a lab coat (or old clothes), use gloves and safety glasses.
- Do not mix Thermochromic Liquid Ink of different brands or colors. The Thermochromic Liquid Ink is suitable to be applied on paper, cardboard or wood.
- Apply the ink on a sheet or volumetric object using a small roller or brush.
- The coated surface should be **compatible*** with our products and free of dust and impurities.
- Wait until the Thermochromic Liquid Ink coating dries up. Drying time at room temperature depends on the surface and air humidity and could last from an hour to 12 hours. For the reversible Thermochromic Inks drying time could be cut to minutes if a hair dryer is used. If a heat gun is used instead, then make sure the temperature of the heated surface doesn't exceed 320°F (160°C).
- **Do NOT use hair dryer or heat gun for faster drying when you work with the irreversible Thermochromic products!**
- Keep the Thermochromic Liquid Ink in a cool, dark, and dry place. Do not freeze it!
- Do not leave the container open – Thermochromic Liquid Ink will **irreversibly** dry up.
- Avoid exposing the Thermochromic Liquid Ink to direct sunlight.

Longer heating at high temperature may destroy the fine microstructure of the Thermochromic Liquid Ink.

Overheating may cause fire!

*** The surface subject of coating should be free of dust, any traces of salts, organic solvents, acids, and alkaline bases. All these chemicals may destroy the fine microstructure of the Thermochromic Liquid Ink.**

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