



# ATLANTA CHEMICAL ENGINEERING

Balancing Creativity and Functionality

## Instructions for Use

### Thermochromic Liquid Ink

- Before use, stir well Thermochromic (color changing) Liquid Ink in the container with small paint paddle or rod. Effective stirring includes repeatedly touching bottom of can & lifting to disperse any settled pigments.
- Thermochromic Liquid Ink is NON-TOXIC to human health, but generally, when working with Liquid Inks it is recommended to wear a lab coat (or old clothes), use gloves and safety glasses.
- Thermochromic Liquid Ink is water based pre-mixed, ready to use. Do not dilute.
- Do not mix Thermochromic Liquid Inks of different brands, colors or activation temperatures.
- Apply the Thermochromic Liquid Ink using brush, painter roller, airbrush or Preval sprayer (available in most hardware stores).
- Recommended ambient & surface to be coated temperature is between 59-82°F (15-28°C).
- The Thermochromic Liquid Ink could be applied on paper, cardboard, wood or ceramic.
- The surface to be painted must be dry and free from dirt, oils, rust, and other contaminants.
- The coating dry time at room temperature depends on the nature of the painted surface & air humidity and could last from 1 hour to 12 hours. For reversible Thermochromic Liquid Inks drying time could be cut to minutes if a hair dryer is used. If a heat gun is used instead, use touchless thermometer and 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 Irreversible Thermochromic Liquid Ink!**
- When the painted surface is completely dry, may be buffed with a soft cloth for more glossiness.
- Keep Thermochromic Liquid Ink's container in a cool, dark, and dry place, away from UV light. Do not freeze it!
- Do not leave the container open – Thermochromic Liquid Ink will irreversibly dry up.
- **We recommend applying clear UV protector over the painted surface once it's completely dried.**

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