



ATLANTA CHEMICAL ENGINEERING

Balancing Creativity and Functionality

Instructions for Use

Thermochromic Paint

- Before use, stir well Thermochromic (color changing) Paint in the container with small paint paddle or rod. Effective stirring includes repeatedly touching bottom of the container and lifting to disperse any settled pigments.
- Thermochromic Paint is NON-TOXIC to human health, but generally, when working with paints it is recommended to wear a lab coat (or old clothes), use gloves and safety glasses.
- Thermochromic Paint is water based pre-mixed, ready to use. Do not dilute.
- Do not mix Thermochromic Paints of different brands, colors, or activation temperatures.
- Apply the paint using a brush, painter roller, or airbrush. For airbrushing the air pressure should be between 70 - 80 PSI.
- Recommended ambient & surface to be coated temperature is between 59-82°F (15-28°C).
- The Thermochromic Paint could be applied on paper, canvas, plastic, ceramic, glass, metal, rubber, wood, and other surfaces.
- 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 Paints 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 paint!**
- When the painted surface is completely dry, may be buffed with a soft cloth for more glossiness.
- Keep Thermochromic Paint's container in a cool, dark, and dry place, away from UV light. Do not freeze it!
- Do not leave the container open – Thermochromic Paint will irreversibly dry up.
- **We recommend applying clear UV protector over the painted surface once it's completely dried.**

Note: Longer heating at a high temperature may destroy the fine microstructure of Thermochromic Paint. Overheating may cause fire!

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