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Tpcm 580SP Directions for Use

Instructions for Use:

- Mix well by hand or jar roller before using. **High shear mixing will result in accelerated solvent evaporation and high viscosities.**
- Ensure the surface of the substrate is clean prior to application using an approved cleaning solvent (Toluene, Acetone, or IPA).
- A uniform coating 0.002-inches (0.05mm) to 0.010-inches (0.25mm) thick should be used.
- For high volume applications stenciling or screening is recommended. When screening, best results are achieved with a 61 (or less) threads per inch (TPI) screen, however the phase change has been successfully applied using up to a 140 mesh screen. (The higher the number = smaller screen opening).
- Material surface is dry to the touch within 2 hours at 60C or 8 hours at room temperature varying upon the environment. Solvent evaporation does not affect the thermal performance of Tpcm 580SP, but may result in difficulties during application.
- If rework is required, remove Tpcm 580SP from the substrate surface and use an approved cleaning solvent (Toluene, Acetone, or IPA) to remove any residue.
- Best performance is achieved when using a constant pressure application such as springs. A minimum pressure of 5psi is recommended. Optimum thermal performance is reached at a pressure of 20psi or greater.
- If storage container is left open, the viscosity will increase due to solvent loss potentially resulting in application defects. Keep lid on the container when not actively using material.

Storage:

- Tpcm 580SP contains solvent to aid in customer application.
- Store upright away from corrosive materials.
- Store between 5C and 35C and below 50% relative humidity.
- Never freeze Tpcm 580SP.
- Keep lid tightly closed when not in use. Keep jar and jar lip clean to ensure a tight seal.
- Tpcm 580SP has a 6 month shelf life from ship date in unopened can.

First Aid:
Safe handling, disposal, and first aid measures are included in the MSDS. Please read the MSDS before using or handling this product. For further questions, please contact Laird Technologies, Inc.

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