



An Illinois Tool Works Company

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## Tempilaq G<sup>®</sup> Temperature Indicators

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### Product Data Sheet – Tempilaq G<sup>®</sup>

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**Product Description:** A range of temperature indicating liquids that will record the highest bracketed temperature reached by Tempilaq G<sup>®</sup>.

**Product Code:** TL\*\*\*\*, (Where\*\*\*\* indicates rated temperature in °F)

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**Standard Range:** Temperature range covered by Tempilaq G<sup>®</sup> is 79°C/175°F –1038°C/1900°F.

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#### Physical Properties:

- Shelf life/Warranty: 6 months from the date of shipment
- Color: various\* (\*color is for identification purposes only)
- Melting point: as specified in each Tempilaq G<sup>®</sup>

#### Applications:

- Thermal mapping on multiple surfaces
- Calibrating brake calipers
- Wave soldering PC boards
- Dielectric heat sealing
- Post-forming plastic laminate
- Annealing polished metal surfaces
- Calculating glass temperatures at various heating stages
- Calibrating industrial ovens
- ...and much, much more

#### HOW TO USE

Shake/mix well before use. Brush on clean, dry surface to form opaque mark. Solids settle on standing. Initial appearance is chalky and when the rated temperature has been reached, the film liquefies. As the surface cools, the liquefied Tempilaq G<sup>®</sup> re-solidifies to leave a distinctly different mark, confirming that the target temperature has been reached. Residue may be removed by brushing. **We recommend evaluating on non-critical piece before general use.**

**Accuracy: +/- 1% of rated temperature**

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This information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

Date: September 17, 2009