PRODUCT INFORMATION SHEET

C2140618D2
Silver Zinc Paste

PRODUCT DESCRIPTION
This product is lead-free.
The paste is designed as a screen printing paste for coating Barium Titanate PTC ceramics as the base layer of a two part system. The paste should be gently stirred before use avoiding introduction of air bubbles.

Product Benefits
This product does not contain Lead.

PROCESSING
Screen Printing Equipment
Semi-Automatic, manual

Ink Screen Life
>3 hours

Screen Types
Stainless steel, polyester. Mesh 156-325 tpi

Typical Drying Conditions
Dry at 150°C for 10-15 minutes in a box oven.

Typical Firing Conditions
The firing temperature is related to the properties of the ceramic. A dwell time of 10—15 minutes is recommended at Peak Temperature.

Clean Up Solvent
Ethoxy Propanol

Substrate
Fired PTC parts

Storage
The product should be kept sealed, in its container, and stored at room temperature

Sheet Resistivity
≤0.3Ω/square at 25μm

SAFETY AND HANDLING
These pastes are intended for industrial use by trained personnel. It is important for workers to avoid overexposure to chemicals contained in these products.

Read the Material Safety Data Sheet (MSDS) and product labels before using the products.

Keep product container closed when not in use to prevent solvent evaporation and spilling hazard.

Issued by Gwent Group Nov 2018
Issue 6

Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Sun Chemical be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.