

## PRODUCT INFORMATION SHEET

**C2100629D1**

**Transparent Conductor Paste**

### PRODUCT DESCRIPTION

This product is designed to be screen printed for applications where transparent conductive films are required.

### PRODUCT BENEFITS

This product can be used as a front or rear electrode of Electroluminescent Lamps.

### PROCESSING

#### Screen Printing Equipment

Automatic, Semi-Automatic, manual.

#### Ink Screen Life

>3 hours.

#### Screen Types

Stainless steel, polyester, mesh 195-355 tpi.

#### Typical Drying Conditions

Dry at 130°C for 15 minutes in a box oven.

#### Clean Up Solvent

Ethoxy Propanol or water.

#### Substrate

Polyester, PVC, or ceramic.

#### Storage

The product should be kept sealed, in its original temperature between 15°C to 25°C.

#### Shelf Life

In a sealed container, stored correctly, the shelf life is a minimum 12 months from despatch.

#### Diluent/ Thinner

Not recommended.

### PHYSICAL PROPERTIES

<b>Viscosity</b> Haake RS1 C20/2° TiL at 230 sec <sup>-1</sup> at 25°C.	0.5 – 2.0 Pa s
<b>Resistivity</b>	500-700 ohms/square

### SAFETY AND HANDLING

These inks 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 Sun Chemical Ltd. February 2020  
Issue 1

