

# **ESL Electro-Science**

416 East Church Road • King of Prussia, PA 19406-2625, U.S.A 610-272-8000 • Fax: 610-272-6759 • www.ElectroScience.com • Sales@ElectroScience.com

ANODE PASTE 4410

## Cadmium-free, Lead-free for SOFC & Other Fuel Cells

ESL 4410 is a nickel oxide-based anode paste composition used in fuel cell manufacture. The ESL 4410 is porous and is well suited for high-temperature, cofire conditions. It can be screen-printed or dispensed. If ESL 4410 is used in a thick-layer configuration, it can provide strength to the cell and support for the electrolyte.

#### **PASTE DATA**

RHEOLOGY: Thixotropic, screen-printable paste VISCOSITY:

(Brookfield RVT, ABZ spindle,10 RPM, 25.5 C±0.5 C) 200±50 Pa s

COLOR: Green

SHELF LIFE: 6 months

LEVELING TIME: 5-10 minutes

DRYING TIME AT 125 C: >15 minutes

**ESL 401** 

4410 0403-A

THINNER:

## **BLANK**

### 4410 0403-A

**CAUTION:** Proper industrial safety precautions should be exercised in using these products. Use with adequate ventilation. Avoid prolonged contact with skin or inhalation of any vapors emitted during use or heating of these compositions. The use of safety eye goggles, gloves or hand protection creams is recommended. Wash hands or skin thoroughly with soap and water after using these products. Do not eat or smoke in areas where these materials are used. Refer to appropriate MSDS sheet.

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