

## TDS- Offset Coin Reactive Ink

### PRODUCT TYPE AND USE

Offset Coin reactive Inks are special security inks, which are used to print the hidden messages or logo on any security documents to be invisible under normal light and reveal a grey colour when it is rubbed with a metal coin (especially copper-based).

These coin reactive inks can also be provided with a combination of invisible fluorescence blue or yellow features.

### PHYSICAL DATA

**Appearance:** Off-white Paste Ink  
**Viscosity:** Optimized viscosity for Offset printing.

### PRINTING RECOMMENDATION

**Printing process:** Web and Sheetfed Offset printing.  
**Substrate:** This ink works very well preferably on coated/uncoated paper board, Maplitho and MICR paper. In the case of coin reactive with invisible combination ink, printing on the brightened substrate may show less intensity. However, the customers can evaluate the ink on different substrates also according to their requirements and ensure the application feasibility.  
**Drying Condition:** Air dry/ IR hot air.  
**Washing Solvent:** Offset Roll Wash  
**Application:** Security documents, Brand Protection labels, etc.

### HANDLING AND STORAGE

#### **Storage Condition:**

- Should be stored in a cool dark place under temperature  $25\pm 4^{\circ}\text{C}$ .
- Do not expose to heat, spark, and open flame.

#### **Shelf Life:**

- Up to 12 months under above said storage condition in the original container with seal.
- At higher storage temperatures the shelf life will be reduced.

#### **Safety Precaution:**

- For personal protection and Hygiene, wash thoroughly after handling. Wash before eating and using toilet facilities.
- Avoid eye & skin contact. Keep container closed when not in use and upright to prevent leakage.

**Disclaimer:** The information provided by our technical data sheet is a way of guide to the use of our product and is correct to the best of our knowledge. However, neither WESTTEK ENTERPRISES PRIVATE LIMITED (WEPL) nor its subsidiaries can offer any guarantee as to its accuracy or exhaustiveness. User bears the sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life cycle from printing, post-printing processing, and shipment to end use. Any liability associated with the use of this product is limited to the value of the product purchased from WEPL.

**Issued Date: Mar 2024 Version: V1.0**