

TDS- Aqua Fugitive with secondary fluorescence Ink

PRODUCT TYPE AND USE

Aqua fugitive inks represent a form of overt security ink, easily discernible by the naked eye. Upon contact with water, these inks bleed the color and additionally shows bright fluorescence under 365nm uv light, creating a lasting mark that indicates any attempt at tampering.

PHYSICAL DATA

Appearance: Pasty Ink with various colors
Viscosity: Optimized viscosity for dry offset printing.

PRINTING RECOMMENDATION

Printing process: Dry Offset printing only.
Substrate: This ink works very well preferably on uncoated papers like Maplitho and MICR paper. 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: Water with IPA
Application: High value security documents like Bank cheques.

HANDLING AND STORAGE

Storage Condition:

- Should be stored in a cool dark place under temperature $25\pm 4^{\circ}\text{C}$.
- The ink is hygroscopic in nature, hence prolonged exposure to moisture will have negative effect on viscosity and consistency of the ink body.

Shelf Life:

- Up to 12 months under above said storage condition in the original container with seal.
- At moist atmosphere 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.

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