Radglo RBU

General information

General description:
- Daylight and ultra-violet responsive fluorescent ink base free of formaldehyde for energy curable inks.
- Fluorescent pigment particles dispersed in a specifically formulated ink vehicle.

Applications:
- Flexographic and lithographic, ultra-violet (UV) and electron beam (EB) curable inks.

Product features
- High fluorescent ink base which need to be converted into finished flexographic and lithographic UV curable inks by adding specific resins and a photo initiator.
- Bright and high gloss colors, covering the PMS shades from 802 to 807, with excellent printing characteristics.
- Compatible with conventional inks to enlarge the available color space to create new and brighter shades.
- Radglo RBU ink base contains reactive components. Therefore during the manufacturing of these printing inks the temperature of the batch should not exceed 40°C. For additional information on safe handling procedures, please consult the individual Safety Data Sheets.

Standard color:
- **Product name**: RBU-0<br>**Description**: Chartreuse

Special colors:
- **Product name**
  - RBU-1P2: Green
  - RBU-0P3: Yellow
  - RBU-3P4: Orange
  - RBU-5P5: Red
  - RBU-7P6: Pink
  - RBU-8P7: Magenta

Packaging:
- 1 PE pail = 20kg
- MOQ = 20kg

Physical properties
- **Delivery form**: Ink base
- **Pigment concentration**: 45-55 % thermoplastic dyed polymer
- **Vehicle type**: Proprietary energy curable system
- **Grind – NPIRI 10-0**: 0 – 10
- **Dirt-NPIRI 10-0**: 0 – 10
- **Specific gravity**: 1.20 g/ml
- **Laray viscosity**: 20 – 40 seconds @ 32°C (200g/10cm)
- **Volatile organic compounds**: None

Processing
- **Processing temperature**: ≤40°C

Storage & shelf-life:
- 12 months after production date when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:
- Safety Data Sheet available on request.

Do you need more technical & commercial information? Please consult **Product Promotion Sheet**.

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