Technical Data Sheet

810 Series

General Description
- Daylight and ultra-violet responsive fluorescent pigments for solvent based formulations.
- A dyed/pigmented thermoset sulphonamide-melamine-paraformaldehyde resin.

Applications
- Gravure- and screen inks, PVC & PU coatings, aerosols, solvent based paints.

Product Features
- Good solvent resistance.
- Very good temperature stability.
- Suitable for water-borne and solvent-based paints.
- May be used in plastisols and powder coatings.
- Limited lightfastness in exterior exposure.

Standard Colors	
Product Name	Description
810001	Pink 1
810002	Red 2
810003	Red 3
810004	Orange 4
810005	Orange 5
810006	Orange 6
810007	Yellow 7
810008	Green 8
810013	Cerise 13
810015	Red 15
810027	Yellow 27
810060	Blue 60
810070	UV Blue 70

Physical properties	
Delivery form	Powder
Particle size (Laser diffraction)	± 5.0 µm
Hegman grind	5 – 6
Melting point	Thermoset, non-melting
Decomposition temp.	>300°C
Specific gravity	1.38 – 1.40 g/ml
Bulking value	0.25 g/ml
Oil absorption	56 %

(1)Test methods and Certificate of Analysis (COA) available on request.

Packaging:
1 box = 20kg
MOQ = 20kg

Storage & shelf life:
120 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:
Safety Data Sheet available on request.

Processing	
Heat stability	In PVC calendaring: 30 minutes @ 170°C
Solvent resistance	Recommended use in water, aliphatic- and aromatic hydrocarbons, alcohols, esters, glycols, plasticizers.
Pigments are insoluble and need to be dispersed (easily stirred-in).	