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## TECHNICAL DATA SHEET

### PAINT MARKER INKS ODOR FREE SERIES 4117

#### TECHNICAL CHARACTERISTICS

Paint inks odor free 4117 series are pigmented inks formulated with organic, inorganic and metallic pigments for valve action markers. They can write smoothly on all kind of surfaces. Great covering,

lightfastness and water-resistance.

Free from aromatic/chlorinated solvents, with low solvent smell.

Colour ref. No:	BLACK 4117	WHITE 4117	BLUE 4117	RED 4117	YELLOW 4117	ORANGE 4117	GREEN 4117	LIME GREEN 4117
Viscosity, cps (25 °C) Brookfield SC4-18 100 rpm	25 ± 10	40 ± 10	33 ± 10	30 ± 10	25 ± 10	25 ± 10	30 ± 10	30 ± 10
Lightfastness (1-8)	8	8	8	8	7	6-7	7	7
Water-resistant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alcohol-resistant	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)
Colour ref. No:	BRIGHT PINK 4117	MAGENTA 4117	PURPLE 4117	LIGHT BLUE 4117	BROWN 4117	SILVER 4117	GOLD 4117	
Viscosity, cps (25 °C) Brookfield SC4-18 100 rpm	40 ± 10	35 ± 10	40 ± 10	35 ± 10	25 ± 10	25 ± 10	25 ± 10	
Lightfastness (1-8)	6	6	6	8	6/7	8	8	
Water-resistant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Alcohol-resistant	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	No (alcohol-based)	

#### SUITABLE COMPONENTS

Use valve action markers only. Markers should ideally be stored horizontally and should be capped firmly.

**Nibs/Tips:** High-porosity polyester nibs suitable for pigments and solvent-resistant, porosity 60-65%

**Inner Ball:** Corrosion safe ball, both stainless steel or glass

**Body:** Aluminium, Nylon, PP with appropriate thickness

**Cap, Front Section:** PBT, nylon

It is recommended to thoroughly test the components selected.

#### HANDLING INSTRUCTIONS

Store between 15°C and 35°C. Do not expose loose ink to temperatures higher than 35°C. Protect from frost and avoid direct sunlight.

**CAUTION:** the inks are flammable liquids! Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

After use clean the filling unit with alcohol or MEK.

#### INSTRUCTION FOR USE

Stir ink in the drums well before use for at least 15-20 min. Keep the inks under stirring while filling markers in order to avoid pigment sedimentation.

Drums should be closed tightly during storage.

#### PACKING

50 KG net Plastic or Metal Drums

200 KG net Plastic or Metal Drums

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