

67837-1050

	PT Faber - Castell International Indonesia Jl. Irian blok OO no 3, MM 22100 Cibitung - Bekasi	Department R&D Doc No : 103/MSDS 1500/R&D/III/2012 Page : 1 of 2
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MATERIAL SAFETY DATA SHEET**Section I : Notification of Product and Supplier**

Product Name Connector Pen 1500

Supplier PT Faber - Castell International Indonesia
 Jl. Irian Blok OO No 3, MM 2100
 Cibitung - Bekasi
 Telp : 621 - 89981700
 Fax : 621 - 89982400

Section II : Composition / Information on Ingredients

1) Plastic Parts :

NO	DESCRIPTION	SHAFT	CAP	BUTTON
1	MATERIAL	PP	PP	Polyethylene

- 2) Reservoir made of Polyester. Reservoir = Filter which function for storage of Connector Pen's Ink.
 3) Nib made of Fibre Polyester
 4) Ink : Water Based Ink with food dyestuff as colorants.

Section III : Hazard Identification

- Information concerning particular hazards for human and environment that could be arised solely from plastic
- R 8 Contact with combustibile matenal may cause fire

Section IV : First-Aid Measures

Only for eyes should be concerned if contact with the nib since it content small amount of ingredients effected to eyes besides colourants.

ROUTE	EFFECT	FIRST AID
Ingestion	none	no necessary
Skin contact	none	no necessary
Eye contact	Slightly Irritant	Rinse opened eyes for several minutes with water, consult physician
Inhalation	none	no necessary

Section V : Fire Fighting Measures

- Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required.

Section VI : Accidental Release Measures

- Person - related safety precautions : Not required.
- Additional information : No dangerous substances are released.

Section VII : Handling and Storage

- Information for safe handling:
Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- Storage:
Requirements to be met by storerooms : temperature of storage 5° C - 35 ° C.

Section VIII : Exposure Control/Personal Protections

Occupational exposure limits: Non Hazardous, not established

Eyes Protection	None
Skin Protection	None
Body Protection	None

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Section IX : Physical and Chemical Properties

- Water Based Ink with Food Grade Dyestuff as Colorants
- Washable with water(Easy to dissolve in Water)
- Non Flammable Ink
- Suitable for ages from 3 years and above - Meet to EN 71/3(Analog Serial)
- Barel, Cap and Ink with the same colours. Button with Gold.
- With sound "Click" when Cap On.
- Smell : Odourless.
- Boiling Point : 100 °C
- Density @ 20°C : 1 gr/ml
- Vapour pressure @ 20°C : 24 mbar
- pH value : ca 8

Section X : Stability and Reactivity

No decomposition if used and stored properly

Condition to avoid : Heating to extreme high and froze temperature

Chemical incompatibilities : Strong reducing agents, decolourising agents, strong acid and alkalies.

Section XI : Toxicological Information

The Products is Safe and Non Toxic.

Section XII : Ecological Information

For the Products

Avoid discharge of the product as is into the environment.

Effects on the aquatic environment: Water hazard class 1(German Regulation) : slightly hazardous for water.

Section XIII : Transport Information

Not Hazardous Cargo

Section XIV : Other Informations

The above Information is based on present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purpose.

Safety Data Sheet established by Hadi Jayanto, Head Of Department R&D.