

SAFETY DATA SHEET

Section I : Notification of Product and Supplier

Product Name Metalic Marker

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
3) Nib made of Fibre Polyester
4) Ink : Water Based Ink.

Section III : Hazard Identification



· Information concerning particular hazards for human and environment that could be arised from both Ink and plastic
R 10 Flammable.
R 36/R38 Irritating to eyes and skin

Section IV : First-Aid Measures

Due to Hazard caused by the Ink, so it's necessary to describe First - Aid Measures would be taken place.

| ROUTE | EFFECT | FIRST AID |
|--------------|---------------------|---|
| Ingestion | Harmfull | If swallowed seek medical advice immediately. |
| Skin contact | Irritant | Immediately wash and rinse with plenty of water |
| Eye contact | Irritant | Rinse opened eyes for several minutes with water, consult physician |
| Inhalation | No irritant effect. | No |

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

- 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 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 : should be stored in cool place(temperature around 20 °C).

Section VIII : Exposure Control/Personal Protections

Occupational exposure limits: Non Hazardous, not established

Eyes Protection None
Skin Protection None
Body Protection None

| | | |
|---|--|--|
|  | PT Faber - Castell International Indonesia Jl. Irian blok OO no 3, MM 22100 Cibitung - Bekasi | Departement QC and R&D Doc No : 003/MSDS Metlc Mark/QC R&D/XII/09 Page : 2 of 2 |
|---|--|--|

Section IX : Pysical and Chemical Properties

- Water Based Ink with High Luster Effect especially on Black
- 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)
- Cap, Button and Ink with the same colours, Barel with Pearl White
- 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 incompatibilites : Strong reducing agents, decolourising agents, strong acid and alkalies.

Section XI : Toxicological Information

The Products is Safe and Non Toxic, however don't suck or licked the nib into the mouth, since the ink could be harfmull if swallowed.

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 QC and R&D.