



**MSDS-WATERBASED COLOR MARKER-000**  
**February 9, 2007**

**SECTION I - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

CAS NO. : NOT APPLICABLE

**SECTION II PHYS./CHEM.CHARACTERISTICS (Specify Components)**

**Appearance and pens Components**

Water based Ink

Plastic components

Hydrocarbon/ Polyester tip

Polyester Fiber with Extruded PP type of ink reservoir

**Boiling Point C** : NA

**Density (g/ml)** : NA

**Vapor density (Air = 1)** : ND

**Melting Point C** : NA

**Solubility of ink in water** : infinite

**Evaporation rate (bytylacetate=1):** N.D.

**Pressurized** : Yes[ ] No [x]

**% volatile** : N.D.

**Other Characteristics** : Ideal for Drawing & coloring.

**SECTION III FIRE AND EXPLOSION HAZARD DATA**

**Flash point method used** : N.D.

**Explosion limits (vol.%)** LEL : N.A. UEL : N.A.

**Extinguishing media** : Dry powders, water spray

**Special Fire fighting Precautions** : Soda Acid, Carbon Die Oxide, Foam type and mechanical dry powder extinguisher

**Auto ignition Temp. ( C)** : N.A.

**List hazardous products** : Under normal storage condition

**decomposition**

**Other advice** : None

**IMPORTANT**

If required information is unavailable, unknown or does not apply, so indicate as follows: Not Applicable = N.A. ; Not Determined = N.D.

**SECTION IV - STORAGE HAZARDS**

**Stability** : stable **Condition: Under normal room temp.**

**Incompatibility** : N.A. **(20-40°C)**

**(materials to avoid)**

**List hazardous products of decomposition** : N.A.

**Hazardous** : NO

**Polymerization** : NO

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**SECTION V - HEALTH HAZARDS**

1. Acute : NO  
 2. Chronic : NO  
 Signs and symptoms : N.A.  
 of overexposure  
 Medical condition generally : N.A.  
 aggravated by exposure  
 Emergency and first aid procedure : N.A.  
 These pens confirms to EN-71 part 3

Routes of entry	Emergency Procedure	Seek medical advice
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Inhalation	: N.A.	
Eyes	: N.A.	
Skin	: N.A.	
Ingestion	: N.A.	

**SECTION VI . SPECIAL PRECAUTION**

**Special precaution to be taken**  
**in handling** : Store at room temperature.  
**Other precaution** : Pens to be stored horizontally if possible.  
**Step to be taken in case** : keep cap tightly closed after use.  
**Of handling**  
**Waste disposal methods** : Landfills or incinention in accordance with local regulation.

**SECTION VII . SPECIAL PROTECTION INFORMATION / CONTROL MEASURES**

**Respiratory protection**  
 (Special type)  
**Ventilation** : Local Exhaust  
**Skin and eye protection** : Normally not required  
**Work/hygienic practices** : Normally not required

**Note:** The information given in this MSDS is based on our present state of knowledge and is no assurance of properties of our products. Existing laws and regulations have to be obeyed by the purchaser himself. The product shall not be used for purposes other than it is assigned for without the consent of the producer.