



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 (materials to avoid) : N.A. (20-40°C)

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.