

MATERIAL SAFETY DATA SHEET

[MSDS NO. AA7018B-000]

PRODUCT: IKON K4 Liquid ink Roller ball pens K4-01, K4-02, K4-03 and K4-04

Issue Date January 2011

COMPANY DETAILS

SUPPLIER NAME: HAINENKO LIMITED
ADDRESS: 284 Chase Road, Southgate, London, N14 6HF
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IDENTIFICATION

Product Name: IKON K4 Liquid ink Roller ball pens
Ship Name(CSN): non hazardous
Other Names: -
UN No.: N/A **D.G.CLASS:** N/A **PACK.GRP:** N/A
HAZCHEM: N/A **SUB.RISK:** No Data **SUSDP:** Not scheduled
PRODUCT USE: Marking pen

PHYSICAL DATA (INK)

APPEARANCE AND ODOUR Liquid, None.
BOILING POINT 100
MELTING POINT N/A
VAPOUR PRESSURE N/A
VOLATILE(wt.%) 80~90
DENSITY(g/cm3) 1.0~1.1
FLASH POINT 100°C <
FLAMMABILITY LIMITS no data
REL.VAPOUR DENSITY no data

INGREDIENTS (INK)

CHEMICAL/COMMON NAME(S)	CAS NO.	INGREDIENTS (wt.%)
Water	7732-18-5	50~70
1,2-Ethanediol	107-21-1	15~25
Glycol solvent	—	5~15
Dye Staff	—	5~15

HEALTH HAZARD INFORMATION

HEALTH EFFECTS/ACUTE EFFECTS

SWALLOWED:

Not applicable

EYE:

No data available

SKIN:

Mildly toxic by skin contact.

INHALED:

Not applicable

CHRONIC EFFECTS:

A suspected carcinogen.

FIRST AID

SWALLOWED:

Not applicable

EYE CONTACT:

Immediately flush with plenty of water.

Seek medical advice immediately.

SKIN CONTACT:

Wipe off with dry cloth and wash with mild soap.

Seek medical advice immediately.

INHALATION:

Not applicable

FIRST AID FACILITIES:

No data

PRECAUTIONS FOR USE

EXPOSURE CONTROL PARAMETERS:

[1,2-Ethanediol]

ACGIH TLV (1990-91)TWA

C 50ppm(C 127mg/m3)

(Vapour and mist)

ENGINEERING CONTROLS:

Not required.

Keep tightly capped.

PERSONAL PROTECTION

Not required.

Avoid skin and eye contact.

Remove any naked lights or strong heat sources.

FLAMMABILITY

Not applicable

ENVIRONMENT:

Not applicable

OTHER PRECAUTIONS:

Not applicable

STORAGE AND TRANSPORT

Store in a cool, dry location.

Keep tightly capped.

SPILLS AND DISPOSAL:

Disposal as usual industrial waste goods, follow all regulations in your country.

FIRE/EXPLOSION HAZARD

Extinguish fire with the following:

Use water fog .

OTHER SAFE HANDLING INFORMATION**OTHER INFORMATION**

Risk statement: Not applicable

Safety statement: Not applicable

REFERENCES:

N.IRVING Sax and RICHARD J.LEWIS,SR,“Dangerous Properties of industrial Materials Seventh Edition”,Van Nostrand Reinhold(1999).REGISTRY OF TOXIC EFFECTS IF CHEMICAL SUBSTANCES 1985-86 Edition

IMPORTANT ADVICE:

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the supplier. Our responsibility for products sold is subject to our standard terms and conditions.