

# MATERIAL SAFETY DATA SHEET

[MSDS NO.AA7018B-000]

<b>PRODUCT:</b>	Artline Ergoline roller ball 0.2 ERG-4200
	Artline Ergoline roller ball 0.4 ERG-4400 ( All colours )

Issue Date Jan.5,2007

Not classified as Hazardous according to criteria of Worksafe Australia

## COMPANY DETAILS

### JAPAN:

**SUPPLIER NAME :** Shachihata Inc.  
**ADDRESS:** 4-69,Amazuka-chou,Nishi-ku,Nagoya,451-0021,Japan  
**TELEPHONE NUMBER:** ++81 52 521 3600  
**FAX NUMBER** ++81 52 521 3899

### AUSTRALIA:

**AGENT :** Pelikan Artline Pty Limited.  
**ABN :** 51 084 958 556  
**ADDRESS :** 2 Coronation Avenue,Kings Park,  
Blacktown Business Centre, NSW 2148  
**TELEPHONE NO :** 02-9674-0900  
**FAX NO :** 02-9674-0910  
**EMERGENCY PHONE NUMBER :** 02-9674-0900 or Mobile:0419-206-163

## IDENTIFICATION

**Product Name:** Artline Ergoline roller ball  
**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/cm<sup>3</sup>)** 1.0 ~ 1.1  
**FLASH POINT** 100°C <  
**FLAMMABILITY LIMITS** no data  
**REL. VAPOUR DENSITY** no data

## INGREDIENTS (INK)

CHEMICAL OR 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	—	<u>5~15</u>
		100

## 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

## ADVICE TO DOCTOR

Treat symptomatically.

##### ACUTE TOXICITY (RTECS):

[ 1,2-Ethenediol ]

Oral

LD<sub>50</sub> (rat)

4,700mg/Kg

## PRECAUTIONS FOR USE

##### EXPOSURE CONTROL PARAMETERS :

[ 1,2-Ethenediol ]

ACGIH TLV (1990-91) TWA

C 50ppm( C 127mg/m<sup>3</sup> )

( Vaper 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

**SAFE HANDLING INFORMATION****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: n/a  
Safety statement: Not applicable

**REFERENCES :**

N.IRVING Sax and RICHARD J. LEWIS, SR, "Dangerous Properties of industrial Materials Seventh Edition", Van Nostrand Reinhold (1989).  
REGISTRY OF TOXIC EFFECTS IF CHEMICAL SUBSTANCES 1985-86 Edition

**Contact Point :** Mr. C Watt , Product Manager , Phone(02-9674-0900) Fax(02-9674-0910)

**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.