

MATERIAL SAFETY DATA SHEET

[MSDS NO.EK670-1210]

PRODUCT :

Artline ViViX

Product No. :EK-670

Ink all colours

Issue Date 26 October ,2012**IDENTIFICATION OF THE MATERIAL AND SUPPLIER****Product Name :** Artline ViViX EK-670**Other Names :** Highlighter**Recommended Use :** Marker**Supplier name/address/telephone no./Emergency phone number****[JAPAN]**

SUPPLIER NAME : Shachihata Inc.
ADDRESS : 4-69,Amazuka-cho,Nishi-ku,Nagoya,451-0021,Japan
TELEPHONE NO.: ++ 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

HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of Worksafe Australia

none

COMPOSITION / INFORMATION ON INGREDIENTS (INK)

<MIXTURE>

Ink main materials are composed of water, 1,2,3-Propanetriol & colourant,etc.

FIRST AID MEASURES**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 :

Move to well ventilated place.
 Seek medical advice immediately.

FIRST AID FACILITIES :

No Data

FIRE FIGHTING MEASURES**Suitable Extinguishing Media :** water fog, CO2 , dry chemical or foam

ACCIDENTAL RELEASE MEASURES

LAND SPILL	Wipe off with dry cloth.
WATER SPILL	Contain spilled liquid with sand or earth. Do not use combustible materials, such as sawdust.

HANDLING AND STORAGE

Store in a cool, dry, well-ventilated location.

EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE CONTROL PARAMETERS :**

No data available

PERSONAL PROTECTION

Not required.

ENGINEERING CONTROLS :

Not required.

PHYSICAL AND CHEMICAL PROPERTIES (INK)

Appearance

Physical state	Liquid
Odor	none
pH	5-7
	9-11 (yellow)
Flash Point	Not applicable
Explosive Properties	No data available
Relative Density (g/cm ³)	1.0-1.2 g/cm ³
Solubility [Water]	soluble

STABILITY AND REACTIVITY

No data available.

TOXICOLOGICAL INFORMATION**ACUTE EFFECTS**

SWALLOWED : Not applicable

EYE : A moderate eye irritant.

SKIN : No data available

INHALED : No data available

CHRONIC EFFECTS : No data available

ACUTE TOXICITY : [1,2,3-Propanetriol]

Oral-rat	LD50	12,600mg/kg
Dermal-rabbit	LD50	>10,000mg/kg

ECOLOGICAL INFORMATION

ECOTOXICITY	No data available
BIOACCUMULATIVE POTENTIAL	No data available
OTHER ADVERSE EFFECTS	No data available

DISPOSAL CONSIDERATIONS

Disposal as usual industrial waste goods , follow all regulations in your country.
Do not dump this product into sewers , on the ground or into any body of water.

TRANSPORT INFORMATION**Ship Name (CSN):**

UN CLASS

Not applicable

OTHER INFORMATION**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.