

MATERIAL SAFETY DATA SHEET

[MSDS NO. EK40_c_Au]

PRODUCT :

Artline 40 PAINT CRAYON (EK-40)
(White)(Black)(Blue)(Red)(Yellow)

Issue Date 19 July,2013

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Artline 40 PAINT CRAYON (EK-40)
White,Black,Blue,Red,Yellow

Other Names : Solvent based solid marker

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: 0423-782-595

HAZARDS IDENTIFICATION

Hazard designation : T Toxic
May cause harm to the unborn child
Irritating to eyes and skin.

COMPOSITION / INFORMATION ON INGREDIENTS (INK)

Substance / Mixture

Mixture

Hazardous Ingredients

Chemical or Common Name(s)	wt.%	CAS. Number	EINECS Number	EU Classification
2-Butoxyethanol	11~14	111-76-2	203-905-0	Xn; R20/21/22 Xi; R36/38
1-Butoxypropan-2-ol	17~23	5131-66-8	225-878-4	Xi; R36/38
Benzyl butyl phthalate	0~5	85-68-7	201-622-7	Xn; R61/R62 N; R50-53

FIRST AID MEASURES

- **Inhalation** : If he/she has subjective and objective symptoms, move him /her to a place fresh air,and consult a doctor.
- **Eye** : Wash the eyes immediately with large amounts of running water for over 15 minutes,and see a doctor for medical advice.
- **Ingestion** : Immediately consult a doctor.
- **Skin** : Wash with soap and water.
- **FIRST AID FACILITIES** : No Data

FIRE FIGHTING MEASURES

- Suitable extinguishing media : In case of fire,use water spray,foam or dry chemical powder.
- For safety reasons unsuitable extinguishing media : None
- Protective equipment : No special measures required

ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions :
 - Removal of ignition source.
 - Provision of sufficient ventilation/respiratory protection.
- Measures for environmental protection : No relevant information found.
- Measures for cleaning/collecting : Sweep up ,place in a bag and hold for waste disposal.

HANDLING AND STORAGE

Handling

- Information for safe handling : Keep ventilate while using.
- Information about protection against explosions and fires : Keep ignition sources away.

Storage

- Requirements to be met by storerooms and containers:
 - Materials to Avoid-High temperature,Fire,Direct rays of the sun,and A Powerful oxidizing agent

EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

OSHA	PEL (1994)	2-Butoxyethanol	TWA	50 ppm
ACGIH	TLV (2003)	2-Butoxyethanol	TWA	25 ppm

Exposure controls

- General protective and hygienic measures :
 - Wash hands during breaks and at the end of the work.
- Breathing equipment : Unnecessary in normal use
- Protection of hands : Unnecessary in normal use
- Eye protection : Unnecessary in normal use
- Skin protection : Unnecessary in normal use

ENGINEERING CONTROLS :

Not required .

PHYSICAL AND CHEMICAL PROPERTIES (INK)

General information

appearance :

form : Solid

color : White,Black,Blue, Red, Yellow

odor : Ether odor

Important health,safety and environmental information

pH : Not applicable

Boiling point/boiling range : c.a.180°C

Flash point : No data

Flammability (solid,gas) : Flammable

Explosive properties : None

Oxidising properties : None

Vapour pressure : No data

Solubility : water solubility : Insoluble

fat solubility (solvent-oil to be specified) : Soluble (except pigments)

Partition coefficient : n-octanol/water : No data

Viscosity : No data

Vapour density : No data

relative density : 1<g/cm³ (at 25°C)

Evaporation rate : No data

Other information

Melting point : c.a.140°C

STABILITY AND REACTIVITY

Conditions to avoided

Hightemperature,Direct sunliglit,Fire

Materials to avoided

Strong acid and base

Hazardous decomposition products

No dangerous decomposition products known

TOXICOLOGICAL INFORMATION

- Acute toxicity : None.
- Chronic toxicity : May cause harm to the unborn child.
- Primary irritant effect :
 - On the skin : Irritating to skin
 - On the eye : Irritating to eyes
- Sensitization : No sensitizing effect known

ECOLOGICAL INFORMATION

Unknown No relevant information found.

DISPOSAL CONSIDERATIONS

Incinerate under safe conditions or dispose of in accordance with local regulations.

TRANSPORT INFORMATION

GGVsea/IMDG-Code	: Not applicable
Page-No.of IMDG-Code	: Not applicable
UN-No.	: Not applicable
ICAO/IATA-Code	: Not applicable
Packing instructions for air flight	: Not applicable
GGVE/GGVS(Germany)	: Not applicable
RID/ADR(EC)	: Not applicable
Packing group	: Not applicable
EmS-No.(Emergency schedule)	: Not applicable
MFAG-table no	: Not applicable
Marking/label	: Not applicable

REGULATORY INFORMATION

Classification,packaging and labeling of dangerous substances and preparations according to EC-Directives.:1999/45EC

- Code letter and hazard designation of product : T Toxic
- Risk phrases : May cause harm to the unborn child.
Irritating to eyes and skin.
- Safety phrase : Avoid exposure-obtain special instructions before use.
In case of accident or if you fell unwell,seek medical advice immediately
(show the label where possible)
Keep out of the reach of children.
- Product contains : 2-butoxyethanol,1-butoxypropan-2-ol,Benzyl butyl phthalate

Further information : No relevant information found.

National regulation : No relevant information found.

Marine pollution class : No relevant information found.

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 .