

# Safety Data Sheet



According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS

Revision Date : 28.05.2015

HECTION 1: Identification         1.1. Product identifier         Product Name       Artline WHITEBOARD MARKER       Color: (Pink)         EK-S17_EK-519         1.2. Recommended use of the chemical and restrictions on use         Recommended use       Whiteboard marker ink         1.3. Details of the supplier of the safety data sheet       Image: Company Name       Schechhata Inc. (U.S.A)         Address       May 75 S. Western Ave., Suite 108 Torrance, CA 90501 U.S.A.       Telephone         Telephone       Telephone number       Image: Company Name       Image: Company Name         Chem TREC 1-800-541-7166       Image: Company Name       Image: Company Name       Image: Company Name         Chem TREC 1-800-424-9300       (For Hazardous materials or dangerous goods incident, Spill, leak, fire, exposure or accident)         ECTION 2: Hazard(S) identification       Image: Company Statement       Image: Company Statement         Flammable liquids, Category 2       H225       Highly flammable liquid and vapour         Serious eye damage Arge intritation, Category 1       H318       Image: Causes serious eye damage         Specific target organ toxicity: single exposure, Category 3       H336       May cause drowsiness or dizziness         (narcotc effects)       Causes arious eye damage       (H319)         May cause drowsiness or dizziness       (H339) </th <th></th> <th></th> <th></th>			
Product Name       Hartine WHITEBOARD MARKER       Color: ((Pink)         EK-S17,EK-S19       Execommended use of the chemical and restrictions on use         Recommended use       Whiteboard marker ink         1.3. Details of the supplier of the safety data sheet       Execommended use         Company Name       Shachhata Inc (US.A.)         Address       20775 S. Western Ave., Suite 105 Torrance, CA 90501 U.S.A.         Telephone       Ha00-541-1961         Contact (e-mail)       Customerservice 00xstamper.com         Chemergency telephone number       Customerservice 00xstamper.com         CHEMECE 1-800-424-9300       (for Hazardous materials or dangerous goods incident,Spill, leak, fire, exposure or accident)         ECTION 2: Hazard(S) identification       Executive States (US): According to OSHA 29 CFR 1910.1200 HCS 2012         2.1.1 Classification of the substance or mixture       Ha25 :: Highly flammable liquid and vapour         Secolicus sey damage /eye irritation, Category 1       H318 :: Causes serious eye damage         Secolicus sey damage /eye irritation, Category 1       H318 :: May cause drowsines or diziness (narcotic effects)         2.1.2 Label elements       Hazard pictograms       (cause drowsiness or diziness)         Hazard statement       Highly flammable liquid and vapour       (c22)         Causes serious eye damage (ove drinskippen flameshot surfaces No smoking.		cation	
EK-517_EK-519         1.1. Recommended use of the chemical and restrictions on use Recommended use if Whiteboard marker ink         1.3. Details of the supplier of the safety data sheet Company Name I: Shachitata Inc. (U.S.A.) Address I: 2077 S. Western Ave., Suite 105 Torrance, CA 90501 U.S.A. Telephone I: 1400-541-9719 Contact (e-mail) II: customerservice@xstamper.com         Image: Company Name II: Shochitata Inc. (U.S.A.) Address II: customerservice@xstamper.com         Image: Company Name II: Shochitata Inc. (U.S.A.) Address II: Suborservice@xstamper.com         Image: Company Name II: Shochitata Inc. (U.S.A.) Address II: Suborservice@xstamper.com         Image: Company Name II: Suborservice@xstamper.com         Image: Company II: Suborservice@xstamper.com         Image: Company II: Suborservice@xstamper.com         Image: Suborservice@xstamper.com	1.1. Product identifier		
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Company Name       : Shachihata Inc. (U.S.A.)         Address       : 20775 S. Western Ave., Suite 105 Torrance, CA 90501 U.S.A.         Telephone       : 1:400-541-7166         Contact (e-mail)       : customerservice@stamper.com         1.4. Emergency telephone number       Image: Contact (e-mail)         CHEMTREC 1-800-424-9300       (For Hazardous materials or dangerous goods incident.Spill, leak, fire, exposure or accident) <b>ECTION 2: Hazard(s) identification</b> Image: Contact (e-mail) <b>United States (US)</b> According to OSHA 29 CFR 1910.1200 HCS 2012         2.1.1 Classification of the substance or mixture       H225         Flammable liquids, Category 2       H225         Serious eye damage <i>feye</i> irritation, Category 1       H318       : Causes serious eye damage         Specific target organ toxicity ; single exposure, Category 3       H336       : May cause drowsiness or dizziness         (narcotic effects)       Image: Image	Recommended use	: Whiteboard marker ink	Writing action breaks reservoir —
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	If eve irritation por		(D337±D313)

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EK-517\_pink\_a] 2/6

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	IF ON SKIN (or hair)	: Remove/Take off immediately all contaminated clothing.	(P303+P361+P353)
		Rinse skin with water/shower.	
	If skin irritation occurs	: Get medical advice/attention.	(P332+P313)
	IF SWALLOWED	: Get medical advice/attention if you feel unwell.Rinse mouth.	(P301+P314+P330)
	[Storage]		
	Store in a well-ventilated	place. Keep container tightly closed.	(P403+P233)
	【Disposal】		
	Dispose of contents/cont	tainer to waste in accordance with	(P501)
	local/regional/ nationa	al/international regulation (to be specified).	

### 2.1.3 Other hazards

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

#### Canada : According to WHMIS

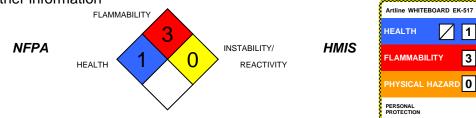
- 2.2.1 Classification of the substance or mixture
  - : Flammable Liquids Class B2
  - Class D2B : Eye irritation
- 2.2.2 Label elements



### 2.2.3 Other hazards

In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS)

### 2.3 Other information



ECTION 3: Composition/information on ingredients				
Substance/Mixture : M Ingredients :	ixture			
Chemical Name /	Composition	CAS	Classification (C	SHA HCS 2012)
Generic name	weight %	Registry No.	Hazard Class	Hazard statement
Ethanol	35 ~ 45	64-17-5	Flam.Liq. 2	H225
Propan-2-ol	30 ~ 40	67-63-0	Flam.Liq. 2 Eye Irrit. 2 STOT.SE. 3	H225 H319 H336
Propan-1-ol	5 ~ 15	71-23-8	Flam.Liq. 2 Eye Dam. 1 STOT.SE. 3	H225 H318 H336
Organic pigment	1 ~ 10	Confidential	none	none
Synthetic resin	1 ~ 10	Confidential	none	none
Additive	1 ~ 10	Confidential	none	none
total	100			

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## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

IF INHALED

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

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IF ON SKIN	: Remove/Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.
IF IN EYES	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue rinsing. If eye irritation persists, get medical advice/attention.
IF SWALLOWED	: After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient

### Note to Physicians :

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

when not conscious. Receive the doctor's treatment (stomach pump) promptly.

### SECTION 5: Fire-fighting measures

5.1. Extinguishing media	
Suitable extinguishing media	: Dry chemical powder, foam or carbon dioxide
Unsuitable extinguishing media	: Water jet

- 5.2. Special hazards arising from the substance or mixtureFor initial stage extinction, carbon dioxide or dry chemical powder.When a fire extends, fire is extinguished by a large amount of water spray.Do not discharge extinguishing waters into the aquatic environment.
- 5.3. Advice for firefighters

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn. Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
  Evacuate personnel to safe area. Shut off all sources of ignition.
  No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.
- 6.2. Environmental precautions
  - Do not throw the leakage thing directly into environment
- 6.3. Methods and material for containment and cleaning up In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth,etc.), and then wipe off the waste well with waste cloth, and rag. In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

### SECTION 7: Handling and storage

7.1. Precautions for safe handling		
Advice on safe handling	: Use with adequate ventilation.	
	Avoid contact with skin, eyes and clothing.	
	Obtain special instructions before use.	
	Do not handle until all safety precautions have been read and understood.	
	Do not eat, drink or smoke when using this product.	

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage areas and containers
Keep containers tightly closed and store in a cool and dry place.
Keep away from heat and flame, ignition source and sunlight.
Keep out of the reach of children.

### SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
ACGIH (2013)		
Ethanol	STEL	1000ppm
Propan-2-ol	TWA	200ppm
Propan-1-ol	TWA	100ppm
OSHA PEL		
Ethanol	TWA	1000ppm
Propan-2-ol	TWA	400ppm
Propan-1-ol	TWA	200ppm

#### [ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EK-517\_pink\_a] 4/6 . . .

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Canada Ontario Provincial		
Ethanol	STEL	1000ppm
Propan-2-ol	TWA	200ppm
Propan-1-ol	TWA	100ppm
Canada Quebec Provincial		
Ethanol	TWA	1000ppm
Propan-2-ol	TWA	400ppm
Propan-1-ol	TWA	200ppm

### 8.2. Exposure controls

Personal protective equipm	nent	
Respiratory Protection	: Use with local exhaust ventilation, when in long use.	
	Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.	
Hand Protection	: Avoid contact with hands. Wear safety gloves, if necessary.	
Eye Protection	: Avoid contact with eyes. Wear safety glasses, if necessary.	
Skin Protection	: Avoid skin contact. Wear personal protection apron, boots, if necessary.	
Environmental exposure controls		

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General advice

: Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

### SECTION 9: Physical and chemical properties

9.1 Information on basic physical and Appearance	chemical properties : pink liquid
Odor	: minor solvent odor
рН	: Not applicable
Boiling point	: No data available
Flash point	: 55.4 °F (13 °C) (closed cup)
Relative Density (at 77 $^\circ\text{F}$ , 25 $^\circ\text{C}$ )	: 0.8 ~ 0.85 (g/cm <sup>3</sup> )
Solubility in Water	: Insoluble

### SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.3. Chemical stability

The product is stable.

10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

- 10.5. Incompatible Materials
  - No data available

10.6. Hazardous decomposition products

 $CO, CO_2$ 

### SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity

: LD/LC50 values that are relevant for classification

	[Ethanol]		
	Oral-rat	LD50	7,060mg/kg
	Inhalation-rat	LC50	20,000ppm/10h
	[Propan-2-ol]		
	Oral-rat	LD50	>5,000mg/kg
	Dermal-rabbit	LD50	>5,000mg/kg
	[Propan-1-ol]		
	Oral-rat	LD50	1,870mg/kg
	Dermal-rabbit	LD50	4,060mg/kg
	Inhalation-rat	LC50	4,000mg/l/4H
Serious eye damage /eye irritation	: Category 1	Causes seri	ous eye damage

 [ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EK-517\_pink\_a] 5/6

 Specific target organ toxicity (single exposure)
 : Category 3
 May cause drowsiness or dizziness

 Carcinogenicity
 : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, OSHA or NTP.

### **SECTION 12: Ecological information**

12.1. Ecotoxicity	: No data available
12.2. Persistence and degradability	: No data available
12.3. Bioaccumulative potential	: No data available
12.4. Mobility in soil	: No data available
12.5. Other adverse effects	: No known significant effects or critical hazards.

### SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

Do not allow product to reach ground, any water course or sewage system.

### SECTION 14: Transport information

14.1. UN number	DOT, TDG, IMO / IMDG, IATA / ICAO	: UN1210
14.2. UN proper shipping name	DOT, TDG, IMO / IMDG, IATA / ICAO	: PRINTING INK,flammable
14.3. Transport hazard class(es)	DOT, TDG, IMO / IMDG, IATA / ICAO · Class · Label	: 3 (Flammable liquids.) 3
14.4. Packing group	DOT, TDG, IMO / IMDG, IATA / ICAO	: Ш
14.5. Environmental hazards	Marine pollutant	: No
14.6. Special precautions for user	EMS Number	: F-E,S-D
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code		: Not applicable.

### ☆☆

Artline WHITEBOARD MARKER (EK-517, EK-519) is not a hazardous material by the special provision.

Artline WHITEBOARD MARKE	ER (EK-517 ,EK-519)	(The amount of ink : less than 10ml)	
UN number	: UN3175		
UN proper shipping name	: Solids containing Flam	Solids containing Flammable Liquid. n.o.s.	
ΙΑΤΑ	Special Provision A46		
IMDG Code	Special Provision 216		

According to IATA Special Provision A46, and IMDG Code Special Provision 216, small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to as a hazardous material/dangerous goods provided there is no free liquid in the packet or article.

### SECTION 15: Regulatory information

< USA Information >
 OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.
 TSCA Hazard Communication Program (40 CFR Part 721) (SNUR) : not Listed
 EPCRA Section 302 Extremely Hazardous Substances (EHS) : not Listed
 EPCRA Section 313 Toxic Chemicals : not Listed
 CERCLA Hazardous Substances for Accidental Release Prevention : not Listed
 CAA Section 112(r) List of Substances for Accidental Release Prevention : not Listed
 California Proposition 65 : not Listed

< Canada Information >

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Ingredient Disclosure List (SOR/88-64) (WHMIS : Canadian Workplace Hazardous Material Information System)

### SECTION 16: Other information, including date of preparation or last revision

Last Revision Date Preparation Date

: 28.05.2015



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EU RoHS Directive(2002/95/EC) and ELV Directive(2000/53/EC) This product does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenylethers (PBDE).

This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.