

SECTION 1: Identification

1.1. Product identifier

Product Name

Safety Data Sheet

Artline Xstamper

According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS

Color: (Pastel blue)



- 1.2. Recommended use of the chemical and restrictions on use
 - Recommended use : Marker ink
- 1.3. Details of the supplier of the safety data sheet

Company Name	: Shachihata Inc. (U.S.A.)
Address	: 20775 S. Western Ave., Suite 105 Torrance, CA 90501 U.S.A.
Telephone	: 1-800-541-9719
Fax	: 1-800-541-7166
Contact (e-mail)	: customerservice@xstamper.com

Artline MultiPen MASSIMO EMP-25T

: Artline MultiPen EMP-1, EMP-3

- 1.4. Emergency telephone number
 - CHEMTREC 1-800-424-9300

(For Hazardous materials or dangerous goods incident, Spill, leak, fire, exposure or accident)

CTION 2. Hozard(a) identificatio SI

SECTION 2: Hazard(s) identification	
United States (US) : According to OSHA 29 CFR 1910.1200 HCS 2012	
2.1.1 Classification of the substance or mixture Serious eye damage /eye irritation, Category 2BH320: Causes eye irritation	
2.1.2 Label elements Hazard pictograms : none	
Signal word : Warning	
Hazard statement : Causes eye irritation	(H320)
Precautionary statement [Prevention]	
Wash hands thoroughly after handling.	(P264)
[Response]	
IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.	(P304+P340)
IF IN EYES : Rinse cautiously with water for several minutes.	(P305+P351+P338)
Remove contact lenses, if present and easy to do. Continue rinsing.	
If eye irritation persists : Get medical advice/attention.	(P337+P313)
IF SWALLOWED : Get medical advice/attention if you feel unwell.Rinse mouth. [Storage]	(P301+P314+P330)
Store in a well-ventilated place. Keep container tightly closed.	(P403+P233)
[Disposal]	
Dispose of contents/container to waste in accordance with	(P501)
local/regional/ national/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.

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EMP_pastel green_a] 2/5

: According to WHMIS Canada

2.2.1 Classification of the substance or mixture

D2A - Poisonous and infectious material - Other effects - Very toxic D2B - Poisonous and infectious material - Other effects - Toxic

(Diethanolamine) (Diethanolamine)

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



SECTION 3: Composition/information on ingredients

:

Substance/Mixture
Ingredients

: Mixture

Chemical Name /	Composition	CAS	CAS Classification (OS		
Generic name	weight %	Registry No.	Hazard Class	Hazard statement	
Water	45 ~ 55	7732-18-5	none	none	
Ethanol	1 ~ 5	64-17-5	Flam.Liq.2	H225	
Synthetic resin	10 ~ 20	Confidential	none	none	
Titanium oxide	20 ~ 30	13463-67-7	none	none	
Organic pigment	1 ~ 5	Confidential	none	none	
Diethanolamine	<2	111-42-2	Acute Tox.(oral) 4 Skin Irrit. 2 Eye Dam.1 STOT SE 2	H302 H315 H318 H373	
Others	1 ~ 5	Confidential	none	none	
total	100				

SECTION 4: First-aid measures

4.1. Description of fir	st 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.
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 when not conscious.Receive the doctor's treatment (stomach pump) promptly.
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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.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media Suitable extinguishing media Unsuitable extinguishing media

: Dry chemical powder, foam or carbon dioxide : none

- 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

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
Titanium dioxide	TWA	10 mg/m ³
Diethanolamine	TWA	1 mg/m ³ (skin)
OSHA PEL		
Ethanol	TWA	1000ppm
Titanium dioxide	TWA	15 mg/m ³
Canada Ontario Provincial		
Ethanol	STEL	1000ppm
Titanium dioxide	TWA	10 mg/m ³
Diethanolamine	TWA	1 mg/m ³ (skin)
Canada Quebec Provincial		
Ethanol	TWA	1000ppm
Titanium dioxide	TWA	10 mg/m ³
Diethanolamine	TWA	3ppm

8.2. Exposure controls

Personal protective equipment

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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				
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 chemical properties Appearance : pastel green liqui		
Odor	: none	
рН	: Not applicable	
Boiling point	: No data available	
Flash point	: Not applicable	
Relative Density (at 77 °F , 25 °C)	: 1.2 ~ 1.4 (g/cm ³)	
Solubility in Water	: soluble	

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, CO₂

SECTION 11: Toxicological information

11.1. Information on toxicological effe	ects				
Acute toxicity	: LD/LC50 values that are relevant for classification				
	[Ethanol]	[Ethanol]			
	Oral-rat	LD50	7,060mg/kg		
	Inhalation-rat	LC50	20,000ppm/10h		
	[Diethanolamine]				
	Oral-rat	LD50	1,600mg/kg		
	Dermal-rabbit	LD50	>8,200mg/kg		
Serious eye damage /eye irritation	: Category 2B Cause	es eye irritati	on		
Carcinogenicity	: [Titanium dioxide] I	ARC Grou	up 2B		
	[Diethanolamine] I	ARC Grou	up 2B , ACGIH Group A3		
	Other materials : Not	Other materials ; Not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.			
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	a numun carcinogen	by 17 11 (O, AC			

Regarding the carcinogenicity of titanium dioxide, International Agency for Research on Cancer (IARC) has classified as a group 2B. However, ACGIH(American Conference of Governmental Industrial Hygienists) ,EPA(Environmental Protection Agency),EU (European Chemicals Agency), NTP (National Toxicology Program, USA) in the classification of suspected carcinogenic to humans has not been done. Therefore, as the ink product we could not classify the carcinogenicity of GHS from that there is no sufficient data.

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		

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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.

S	SECTION 14: Transport information					
	14.1. UN number	DOT, TDG, IMO / IMDG, IATA / ICAO	:	none		
	14.2. UN proper shipping name	DOT, TDG, IMO / IMDG, IATA / ICAO	:	none		
	14.3. Transport hazard class(es)	DOT, TDG, IMO / IMDG, IATA / ICAO · Class · Label	:	none		
	14.4. Packing group	DOT, TDG, IMO / IMDG, IATA / ICAO	:	none		
	14.5. Environmental hazards	Marine pollutant	:	No		
	14.6. Special precautions for user	EMS Number	:	none		
	14.7. Transport in bulk according to MARPOL 73/78 and the IBC		:	Not applicable.		

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	: Listed [Diethanolamine]
CERCLA Hazardous Substances	: Listed [Diethanolamine]
	Reportable quantity 100 pounds
CAA Section 112(r) List of Substances for Accidental Release Prevention	: not Listed
California Proposition 65	: not Listed

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.

Canada inventory : All components of this product are listed in the DSL/NDSL Inventory.

WHMIS Ingredient Disclosure List (SOR/88-64)

: Ethanol, Diethanolamine

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

Last Revision Date Preparation Date

02.06.2015

(WHMIS : Canadian Workplace Hazardous Material Information System)



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.