[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-orange_f] 1/5

💕 Shachihata

Safety Data Sheet

According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS Revision Date : February 6, 2020



	Revision Date - Febr	uary 0, 20
ECTION 1: Identification		
1.1. Product identifier		
Product Name : Artline POSTER MARK	ER Color : (Fluoro.orange)	MARKER
EPP-4, EPP-6, EPP-		
1.2. Recommended use of the chemical and r	estrictions on use	Artiline POSTER MARKE
Recommended use : Marker ink		
1.3. Details of the supplier of the safety data s	heet	POSTER MARK
Company Name : Shachihata Inc. (L	J.S.A.)	and the second second second
	Ave., Suite 105 Torrance, CA 90501 U.S.A.	
Telephone : 1-800-541-9719		
Fax : 1-800-541-7166		Sla
Contact (e-mail) : <u>customerservice@</u>	<u>xstamper.com</u>	- CARCO
1.4. Emergency telephone number		16
CHEMTREC 1-800-424-9300		
	oods incident, spill, leak, fire, exposure or accident)	
· · · · · ·		
ECTION 2: Hazard(s) identification		
According to OSHA 29 CFR 1910.1200 HCS & H	azardous Product Regulation (WHMIS 2015)	
2.1.1 Classification of the substance or mixtur	e	
Flammable liquids, Category 3 H226	Flammable liquid and vapour	
2.1.2 Label elements		
Hazard pictograms :		
	s product does not need to be considered as flammable ids for Recommendations on the TRANSPORT OF	
	NGEROUS GOODS, UNITED NATIONS.	
	er to section 9 and 14.	
Signal word : Warning		
Hazard statement : Flammable liquid and	d vapour	(H226)
Precautionary statement		
[Prevention]		
Keep out of reach of children.		(P102)
	rks, open flames and other ignition sources. No smoking.	(P210)
Wash hands thoroughly after handling.		(P264)
[Response]	· · · · · · · · · · · · · · · · · · ·	
In case of fire : Use dry chemical powder IF IN EYES : Rinse cautiously with water	.	(P370+P378)
-	present and easy to do. Continue rinsing.	(F303+P351)
If eye irritation persists : Get medical adv		(P337+P313)
	tely all contaminated clothing. Rinse skin with water.	(P303+P361-
[Storage]	, , , , , , , , , , , , , , , , , , , ,	
Store in a well-ventilated place. Keep co	ntainer tightly closed.	(P403+P233)
[Disposal]		
Dispass of contents and container in acc	ardanaa with local regulations	(2004)

Dispose of contents and container in accordance with local regulations.

(P501)

22129-8104

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-orange_f] 2/5

2.1.3 Other hazards

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

In Canada, the product mentioned above is considered hazardous

under the Workplace Hazardous Materials Information System (WHMIS2015)

2.3 Other information



SECTION 3: Composition/information on ingredients



Chemical Name /	Composition	CAS	Classification (OSHA HCS 2012)		
Generic name	weight %	Registry No.	Hazard Class	Hazard statement	
Ethanol	1 ~ 5	64-17-5	Flam. Liq. 2	H225	
Water	55 ~ 65	7732-18-5	none	none	
Synthetic resin	20 ~ 30	Confidential	none	none	
Titanium dioxide	5 ~ 15	13463-67-7	none	none	
Others	1 ~ 5	Confidential	none	none	
total	100				

SECTION 4: First-aid measures

4.1. Description of	f 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.
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.
Note to Physician	s:
All treatments s	should be based on observed signs and symptoms of distress in the patient.
Consideration s	should be given to the possibility that overexposure to materials other than this product
may have occu	rred.
SECTION 5: Fire	e-fighting measures
5.1. Extinguishing	media
Suitable exting	uishing media : Dry chemical powder, foam or carbon dioxide
Unsuitable exti	nguishing media : None
5.2. Special hazar	rds arising from the substance or mixture
For 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.

Item Numbers: 22129-8104

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-orange_f] 3/5

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

Item Nu

7.1. Precautions for safe hand	ling
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 storag	e, including any incompatibilities
Requirements for storage	: Keep containers tightly closed and store in a cool and dry place.
areas and containers	Keep away from heat and flame, ignition source and sunlight.
	Keep out of the reach of children.

8.1. Control parameters ACGIH (2019)			
Ethanol	STEL	1,000 ppm	
Titanium dioxide	TWA	10 mg/m ³	
OSHA PEL		10 mg/m	
Ethanol	TWA	1.000 npm	
		1,000 ppm	
Titanium dioxide	TWA	15 mg/m ³	
Canada Ontario Provi	ncial		
Ethanol	STEL	1,000 ppm	
Titanium dioxide	TWA	10 mg/m ³	
Canada Quebec Provi	ncial		
Ethanol	TWA	1,000 ppm	
Titanium dioxide	TWA	10 mg/m ³	
8.2. Exposure controls			
Personal protective eq	uipment		
Respiratory Protec	tion : Use	with local exhaust ventilation, when in long use.	
	Avoi	d breathing vapours. Wear mask to prevent organic gas, if necessary.	
Hand Protection	: Avoi	d contact with hands. Wear safety gloves, if necessary.	
Eye Protection		d contact with eyes. Wear safety glasses, if necessary.	
Skin Protection	: Avoi	d skin contact. Wear personal protection apron, boots, if necessary.	
Environmental exposu	re controls		
General advice	: Prev	rent product from entering drains.	
	Prev	vent further leakage or spillage if safe to do so.	_
Numbers: 22129-8104	lf the	e product contaminates rivers and lakes or drains inform respective authorities ^{3 of 2}	20

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-orange_f] 4/5

9.1 Information on basic physical a			s	
Appearance	: Orange	eiiquid		
Odor	: None			
рН	: Not ap	plicable		
Boiling point	: 172.4°	F (78°C) ~	212°F (100°C)	
Flash point	: 112.2°	F (44°C)	(closed cup)	Not sustained combustibility ; Refer to section14
Relative Density (at 77°F, 25°C) : 1.0~1	$.2 (a/cm^3)$		
Solubility in Water	: Soluble			
SECTION 10: Stability and re	activity			
10.1. Reactivity				
No dangerous reaction known u	nder condit	ions of nor	mal use.	
10.2. Possibility of hazardous read				
Under normal conditions of stor	age and use	e, hazardou	us reactions will r	not occur.
10.3. Chemical stability				
The product is stable.				
10.4. Conditions to Avoid				
High temperature, Direct sunlig	nt, Fire			
10.5. Incompatible Materials				
No data available				
10.6. Hazardous decomposition pr	oducts			
CO, CO_2				
SECTION 11: Toxicological in	nformatic	on		
11.1. Information on toxicological	effects			
Acute toxicity : LD/LC50	values that	are releva	nt for classificatio	on
[Ethanol]				
Oral-ra	ıt	LD50	>5,000 mg/kg	
Inhalat	ion-rat	LC50	>20 mg/L/4h	
Carcinogenicity : Titanium	dioxide has	been class	sified by the IAR	C as Group 2B.
Other ma	terials ; Not	contain ar	ny component that	at is considered
a human	carcinogen	by IARC, A	ACGIH, EPA, EU	or NTP.
	ental Industria n the classifica	I Hygienists), ation of suspe	EPA (Environmental ected carcinogenic to	
SECTION 12: Ecological info	rmation			
	: No dat	a available		
12.1. Ecotoxicity				
12.1. Ecotoxicity 12.2. Persistence and degradabilit		a available		
-	y : No data	a available a available		
12.2. Persistence and degradabilit	y : No data : No data			
12.2. Persistence and degradabilit 12.3. Bioaccumulative potential	y : No data : No data : No data	a available a available		tical hazards.
12.2. Persistence and degradabilit12.3. Bioaccumulative potential12.4. Mobility in soil	y : No data : No data : No data : No data : No kno	a available a available wn signific		ical hazards.
12.2. Persistence and degradabilit12.3. Bioaccumulative potential12.4. Mobility in soil12.5. Other adverse effects	y : No data : No data : No data : No data : No kno	a available a available wn signific		tical hazards.
 12.2. Persistence and degradabilit 12.3. Bioaccumulative potential 12.4. Mobility in soil 12.5. Other adverse effects 	y : No data : No data : No data : No kno derations	a available a available wn signific	ant effects or crit	iical hazards.

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-orange_f] 5/5

S	ECTION 14: Transport info	ormation		
	14.1. UN number	(DOT, ADR, IMDG, IATA)	: None	•
	14.2. UN proper shipping name	(DOT, ADR, IMDG, IATA)	: None	
	14.3. Transport hazard class(es)	(DOT, ADR, IMDG, IATA)	: None	
	14.4. Packing group	(DOT, ADR, IMDG, IATA)	: None	
	14.5. Environmental hazards	Marine pollutant	: N	
	14.6. Special precautions for use	er EMS Number	: None	

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35°C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

SECTION 15: Regulatory information

< USA Information >

OSHA STATUS : This product is hazardous under 29 CFR 1910.120	0.	
TSCA STATUS : All components on TSCA INVENTORY.		
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR)	:	Not Applicable
CERCLA REPORTABLE QUANTITY (40 CFR 117,302)	:	Not Applicable
SARA TITLE II Section 313 (40 CFR 372)	:	Not Applicable
California Proposition 65	:	Titanium dioxide
		(airborne, unbound particles of respirable size)

< Canada Information >

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

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

Last Revision Date : February 6, 2020 Preparation Date : October 3, 2013



EU RoHS (Directive 2011/65/EU) EU ELV (DIRECTIVE 2000/53/EC)

2020

ARKER

RKER

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-pink_f] 1/5

Wash hands thoroughly after handling.

[Response]

[Storage]

[Disposal]

Item Numbers: 22129-8104



Safety Data Sheet



According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS

	cation				
1.1. Product identifier					
Product Name : A	Artline POSTER M	1ARKER	Color : (Fluoro.pink)	Artline POSTER M	ARKE
	EPP-4, EPP-6,	EPP-12, EPP-	20, EPP-30	Actions and the second se	
1.2. Recommended us	e of the chemical	and restriction	s on use	POSTER MARKER	Artline
Recommended use	: Marker ink			Artline POSTER MARKER	. minut
1.3. Details of the supp	lier of the safety d	lata sheet		Artline	Artiline
Company Name	: Shachihata li	nc. (U.S.A.)		POSTERMARKER	
Address	:20775 S. We	estern Ave., Su	ite 105 Torrance, CA 90	501 U.S.A.	
Telephone	: 1-800-541-97	719			S
Fax	: 1-800-541-7				2
Contact (e-mail)	customerserv	vice@xstampe	r.com		
SECTION 2: Hazard	(s) identificati	on			
According to OSHA 29 (CFR 1910.1200 HC	S & Hazardous	Product Regulation (WH	MIS 2015)	
2.1.1 Classification of the	he substance or n	nixture			
Flammable liquids, 0	Category 3 H	226 : Flammat	ble liquid and vapour		
2.1.2 Label elements					
Hazard pictograms	:	Note:	loes not need to be conside	ared as flommable	
	JAL .	liquids for Red	commendations on the TRA	NSPORT OF	
		DANGEROUS Refer to section	GOODS, UNITED NATIO	NS.	
		Refer to section	JII 9 anu 14.		
Signal word	: Warning				
Signal word Hazard statement	WarningFlammable liquit	id and vapour			
Hazard statement	: Flammable liqui	id and vapour			
0	: Flammable liqui	id and vapour			
Hazard statement Precautionary state	:Flammable liqui ment	id and vapour			

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

IF IN EYES : Rinse cautiously with water for several minutes.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents and container in accordance with local regulations.

If eye irritation persists : Get medical advice and attention.

(P264)

(P370+P378)

(P337+P313)

(P403+P233)

(P501)

(P305+P351+P338)

(P303+P361+P353)

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-pink_f] 2/5

2.1.3 Other hazards

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

In Canada, the product mentioned above is considered hazardous

under the Workplace Hazardous Materials Information System (WHMIS2015)

2.3 Other information



SECTION 3: Composition/information on ingredients



Chemical Name /	Composition	CAS	Classification (OSHA HCS 2012)		
Generic name	weight %	Registry No.	Hazard Class	Hazard statement	
Ethanol	1 ~ 5	64-17-5	Flam. Liq. 2	H225	
Water	55 ~ 65	7732-18-5	none	none	
Synthetic resin	20 ~ 30	Confidential	none	none	
Titanium dioxide	5 ~ 15	13463-67-7	none	none	
Others	1 ~ 5	Confidential	none	none	
total	100				

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.
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.
Note to Physicians	
All treatments s	hould be based on observed signs and symptoms of distress in the patient.
Consideration s	hould be given to the possibility that overexposure to materials other than this product
may have occur	rred.
SECTION 5: Fire	-fighting measures
5.1. Extinguishing	media
Suitable extingu	uishing media : Dry chemical powder, foam or carbon dioxide
Unsuitable extir	nguishing media : None
5.2. Special hazar	ds arising from the substance or mixture
For 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.

Item Numbers: 22129-8104

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-pink_f] 3/5

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

Item Nu

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

8.1. Control parameters ACGIH (2019)		
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
OSHA PEL		10 mg/m
Ethanol	TWA	1 000 nnm
		1,000 ppm
Titanium dioxide	TWA	15 mg/m ³
Canada Ontario Provin	icial	
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
Canada Quebec Provir	ncial	
Ethanol	TWA	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
8.2. Exposure controls		
Personal protective eq	uipment	
Respiratory Protect	ion : Use	with local exhaust ventilation, when in long use.
	Avoi	d breathing vapours. Wear mask to prevent organic gas, if necessary.
Hand Protection	: Avoi	d contact with hands. Wear safety gloves, if necessary.
Eye Protection		d contact with eyes. Wear safety glasses, if necessary.
Skin Protection	: Avoi	d skin contact. Wear personal protection apron, boots, if necessary.
Environmental exposu	re controls	
General advice	: Prev	ent product from entering drains.
	Prev	ent further leakage or spillage if safe to do so.
Numbers: 22129-8104	If the	product contaminates rivers and lakes or drains inform respective authorities 8 of 20

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-pink_f] 4/5

9.1 Information on basic physical Appearance	and chemical prop : Pink liquid	erties	
	•		
Odor	: None		
рН	: Not applicable	e	
Boiling point	: 172.4°F (78°0	C) ~ 212°F (100°C)	
Flash point	: 112.2°F(44°	C) (closed cup)	Not sustained combustibility ; Refer to section14
Relative Density (at 77°F, 25°C	;) : 1.0~1.2 (g/d	cm ³)	
Solubility in Water	: Soluble		
SECTION 10: Stability and re	ectivity		
10.1. Reactivity			
No dangerous reaction known	under conditions of	normal use.	
10.2. Possibility of hazardous read	ctions		
Under normal conditions of sto	rage and use, haza	rdous reactions will	not occur.
10.3. Chemical stability			
The product is stable.			
10.4. Conditions to Avoid			
High temperature, Direct sunlig	jht, Fire		
10.5. Incompatible Materials			
No data available	na du ata		
10.6. Hazardous decomposition p CO, CO ₂	roducts		
$CO; CO_2$			
SECTION 11: Toxicological i	nformation		
11.1. Information on toxicological	effects		
Acute toxicity : LD/LC50	values that are re	evant for classificati	on
[Ethanol]	l		
Oral-r	at LD50	>5,000 mg/kg	
Inhala	ation-rat LC50	>20 mg/L/4h	
Carcinogenicity : Titanium	dioxide has been	classified by the IAR	C as Group 2B.
Other ma	aterials ; Not contai	n any component th	at is considered
a human	carcinogen by IAF	RC, ACGIH, EPA, EL	J or NTP.
	nental Industrial Hygien in the classification of s	ists), EPA (Environment suspected carcinogenic	
SECTION 12: Ecological info	ormation		
12.1. Ecotoxicity	: No data avail	able	
12.2. Persistence and degradabili	ty : No data avail	able	
12.3. Bioaccumulative potential	: No data avail	able	
12.4. Mobility in soil	: No data avail	able	
12.5. Other adverse effects	· No known sic	nificant effects or cr	itical hazards.
12.5. Other adverse effects	. NO KIOWI 31g		
SECTION 13: Disposal const			
SECTION 13: Disposal cons	iderations		

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-pink_f] 5/5

SECTION 14: Transport info	ormation	
14.1. UN number	(DOT, ADR, IMDG, IATA)	: None
14.2. UN proper shipping name	(DOT, ADR, IMDG, IATA)	: None
14.3. Transport hazard class(es)	(DOT, ADR, IMDG, IATA)	: None
14.4. Packing group	(DOT, ADR, IMDG, IATA)	: None
14.5. Environmental hazards	Marine pollutant	: N
14.6. Special precautions for use	er EMS Number	: None

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35°C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

SECTION 15: Regulatory information

< USA Information >

OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.				
TSCA STATUS : All components on TSCA INVENTORY.				
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR)	:	Not Applicable		
CERCLA REPORTABLE QUANTITY (40 CFR 117,302)	:	Not Applicable		
SARA TITLE III Section 313 (40 CFR 372)	:	Not Applicable		
California Proposition 65	:	Titanium dioxide		
		(airborne, unbound particles of respirable size)		

< Canada Information >

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

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

Last Revision Date : February 6, 2020 Preparation Date : October 3, 2013



EU RoHS (Directive 2011/65/EU) EU ELV (DIRECTIVE 2000/53/EC)

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-yellow_f] 1/5



Safety Data Sheet



According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS Revision Date : February 6, 2020

SECTION 1: Identification		
1.1. Product identifier		
Product Name : Artline POSTER MA	RKER Color : (Fluoro.yellow)	MARKER
EPP-4, EPP-6, EF	PP-12, EPP-20, EPP-30	
1.2. Recommended use of the chemical an	d restrictions on use	Artline POSTER MARKER
Recommended use : Marker ink		
1.3. Details of the supplier of the safety dat	a sheet	POSTER MARKER
Company Name Shachihata Inc	. (U.S.A.)	and an
Address : 20775 S. West	ern Ave., Suite 105 Torrance, CA 90501 U.S.A.	
Telephone : 1-800-541-971		
Fax : 1-800-541-716	6	Shan
Contact (e-mail) : <u>customerservic</u>	e@xstamper.com	State A
1.4. Emergency telephone number		
CHEMTREC 1-800-424-9300		
(For Hazardous materials or dangerous	goods incident, spill, leak, fire, exposure or accident)	
ECTION 2: Hazard(s) identificatior	1	
-	& Hazardous Product Regulation (WHMIS 2015)	
2.1.1 Classification of the substance or mix	ture	
Flammable liquids, Category 3 H22	6 : Flammable liquid and vapour	
2.1.2 Label elements		
	Note: This product does not need to be considered as flammable	
	iquids for Recommendations on the TRANSPORT OF	
	DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.	
Signal word : Warning		
Hazard statement : Flammable liquid	and vapour	(H226)
Precautionary statement		
[Prevention]		
Keep out of reach of children.		(P102)
	parks, open flames and other ignition sources. No smoking.	(P210)
Wash hands thoroughly after handling	J.	(P264)
	den former en endern disside de sudir mile	
IF IN EYES : Rinse cautiously with wa	der, foam or carbon dioxide to extinguish.	(P370+P378) (P305+P351+P338
-	if present and easy to do. Continue rinsing.	(10001100111000)
If eye irritation persists : Get medical	. , ,	(P337+P313)
	diately all contaminated clothing. Rinse skin with water.	(P303+P361+P353
[Storage]		
Store in a well-ventilated place. Keep	container tightly closed.	(P403+P233)
[Disposal]		
Dispose of contents and container in		(P501)

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-yellow_f] 2/5

2.1.3 Other hazards

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

In Canada, the product mentioned above is considered hazardous

under the Workplace Hazardous Materials Information System (WHMIS2015)

2.3 Other information



SECTION 3: Composition/information on ingredients



Chemical Name /	Composition	CAS	Classification (C	SHA HCS 2012)
Generic name	weight %	Registry No.	Hazard Class	Hazard statement
Ethanol	1 ~ 5	64-17-5	Flam. Liq. 2	H225
Water	55 ~ 65	7732-18-5	none	none
Synthetic resin	20 ~ 30	Confidential	none	none
Titanium dioxide	5 ~ 15	13463-67-7	none	none
Others	1 ~ 5	Confidential	none	none
total	100			

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.			
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	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.			
Note to Physicians				
All treatments s	hould be based on observed signs and symptoms of distress in the patient.			
Consideration s	hould be given to the possibility that overexposure to materials other than this product			
may have occur	red.			
SECTION 5: Fire	-fighting measures			
5.1. Extinguishing	media			
Suitable extingu	iishing media : Dry chemical powder, foam or carbon dioxide			
Unsuitable extir	nguishing media : None			
5.2. Special hazar	ds arising from the substance or mixture			
For 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.

Item Numbers: 22129-8104

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-yellow_f] 3/5

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

Item Nu

7.1. Precautions for safe handlin	g		
Advice on safe handling :	ndling : 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 understoo			
	Do not eat, drink or smoke when using this product.		
7.2. Conditions for safe storage,	including any incompatibilities		
Requirements for storage : Keep containers tightly closed and store in a cool and dry place.			
areas and containers Keep away from heat and flame,ignition source and sunlight.			
	Keep out of the reach of children.		

8.1. Control parameters ACGIH (2019)		
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
OSHA PEL		
Ethanol	TWA	1,000 ppm
Titanium dioxide	TWA	15 mg/m ³
Canada Ontario Provin	icial	-
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
Canada Quebec Provi	ncial	
Ethanol	TWA	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
8.2. Exposure controls		
Personal protective eq	uipment	
Respiratory Protect	ion : Use	with local exhaust ventilation, when in long use.
	Avoi	d breathing vapours. Wear mask to prevent organic gas, if necessary.
Hand Protection	: Avoi	d contact with hands. Wear safety gloves, if necessary.
Eye Protection	: Avoi	d contact with eyes. Wear safety glasses, if necessary.
Skin Protection	: Avoi	d skin contact. Wear personal protection apron, boots, if necessary.
Environmental exposu	re controls	
General advice	: Prev	rent product from entering drains.
	Prev	vent further leakage or spillage if safe to do so.
Numbers: 22129-8104	If the	e product contaminates rivers and lakes or drains inform respective author Page .13 of 20

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-yellow_f] 4/5

Appearance	nd chemical properties : Yellow liquid
Odor	: None
pH	: Not applicable
Boiling point	: 172.4°F (78°C) ~ 212°F (100°C)
Flash point	: 112.2°F (44°C) (closed cup) Not sustained combustibility ; Refer to section14
Relative Density (at 77°F, 25°C)	
Solubility in Water	: Soluble
SECTION 10: Stability and rea	activity
 10.3. Chemical stability The product is stable. 10.4. Conditions to Avoid High temperature, Direct sunlight 10.5. Incompatible Materials No data available 10.6. Hazardous decomposition pro CO, CO₂ ECTION 11: Toxicological in 11.1. Information on toxicological ef Acute toxicity : LD/LC50 v [Ethanol] Oral-rat 	age and use, hazardous reactions will not occur. It, Fire boducts Information ffects values that are relevant for classification t LD50 >5,000 mg/kg ion-rat LC50 >20 mg/L/4h
Other mate	dioxide has been classified by the IARC as Group 2B. rerials ; Not contain any component that is considered carcinogen by IARC, ACGIH, EPA, EU or NTP.
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme	
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not c	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency in the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data.
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not o	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency n the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data.
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not c SECTION 12: Ecological infor 12.1. Ecotoxicity	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency n the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data. Imation : No data available
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not o	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency n the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data. Imation : No data available
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not of ECTION 12: Ecological infor 12.1. Ecotoxicity 12.2. Persistence and degradability	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency In the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data. Imation : No data available / : No data available
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not of ECTION 12: Ecological infor 12.1. Ecotoxicity 12.2. Persistence and degradability 12.3. Bioaccumulative potential	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency) In the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data. Imation : No data available : No data available : No data available
Regarding the carcinogenicity of titanium did ACGIH (American Conference of Governme NTP (National Toxicology Program, USA) in Therefore, as the ink product we could not of SECTION 12: Ecological infor 12.1. Ecotoxicity 12.2. Persistence and degradability 12.3. Bioaccumulative potential 12.4. Mobility in soil	ental Industrial Hygienists), EPA (Environmental Protection Agency), EU (European Chemicals Agency in the classification of suspected carcinogenic to humans has not been done. classify the carcinogenicity of GHS from that there is no sufficient data. rmation : No data available : No known significant effects or critical hazards.

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-yellow_f] 5/5

SECTION 14: Transport info	ormation		
14.1. UN number	(DOT, ADR, IMDG, IATA)	: None	
14.2. UN proper shipping name	(DOT, ADR, IMDG, IATA)	: None	
14.3. Transport hazard class(es)	(DOT, ADR, IMDG, IATA)	: None	
14.4. Packing group	(DOT, ADR, IMDG, IATA)	: None	
14.5. Environmental hazards	Marine pollutant	: N	
14.6. Special precautions for use	er EMS Number	: None	

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35°C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

SECTION 15: Regulatory information

< USA Information >

OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.				
TSCA STATUS : All components on TSCA INVENTORY.				
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR)	:	Not Applicable		
CERCLA REPORTABLE QUANTITY (40 CFR 117,302)	:	Not Applicable		
SARA TITLE III Section 313 (40 CFR 372)	:	Not Applicable		
California Proposition 65	:	Titanium dioxide		
		(airborne, unbound particles of respirable size)		

< Canada Information >

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

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

Last Revision Date : February 6, 2020 Preparation Date : October 3, 2013



EU RoHS (Directive 2011/65/EU) EU ELV (DIRECTIVE 2000/53/EC)

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-green_f] 1/5



Safety Data Sheet



According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS

According to OSHA 29 CFR 1910.1200 HCS & Canada WHMIS				
	Revision Date : February 6, 2020			
SECTION 1: Identification				
1.1. Product identifier				
Product Name : Artline POSTER MAR	RKER Color : (Fluoro.green)			
EPP-4, EPP-6, EF	PP-12, EPP-20, EPP-30			
1.2. Recommended use of the chemical an				
Recommended use : Marker ink				
1.3. Details of the supplier of the safety data	a sheet			
Company Name Shachihata Inc.	(U.S.A.)			
Address 20775 S. Weste	ern Ave., Suite 105 Torrance, CA 90501 U.S.A.			
Telephone : 1-800-541-9719				
Fax : 1-800-541-7166				
Contact (e-mail) : <u>customerservice@xstamper.com</u>				
1.4. Emergency telephone number				
CHEMTREC 1-800-424-9300				
(For Hazardous materials or dangerous	goods incident, spill, leak, fire, exposure or accident)			
SECTION 2: Hazard(s) identification				
According to OSHA 29 CFR 1910.1200 HCS 8	A Hazardous Product Regulation (WHMIS 2015)			
2.1.1 Classification of the substance or mix	ture			
Flammable liquids, Category 3 H22	6 ∶ Flammable liquid and vapour			
2.1.2 Label elements				
	Note:			
	This product does not need to be considered as flammable quids for Recommendations on the TRANSPORT OF			
	DANGEROUS GOODS, UNITED NATIONS.			

Refer to section 9 and 14.

Signal word	: Warning		
Hazard statement	: Flammable liquid	and vapour	(H226)
Precautionary sta	tement		
[Prevention]			
Keep out of rea	ch of children.		(P102)
Keep away from	n heat, hot surfaces,	sparks, open flames and other ignition sources. No smoking.	(P210)
Wash hands th	oroughly after handli	ng.	(P264)
[Response]			
In case of fire :	Use dry chemical por	wder, foam or carbon dioxide to extinguish.	(P370+P378)
IF IN EYES : Ri	inse cautiously with w	vater for several minutes.	(P305+P351+P338)
Re	emove contact lense	s, if present and easy to do. Continue rinsing.	
If eye irritation p	persists : Get medica	l advice and attention.	(P337+P313)
IF ON SKIN (or	hair) : Take off imm	ediately all contaminated clothing. Rinse skin with water.	(P303+P361+P353)
[Storage]			
Store in a well-	ventilated place. Kee	p container tightly closed.	(P403+P233)
【Disposal】			
Dispose of cont	tents and container ir	accordance with local regulations.	(P501)
2129-8104			Page 16 of 20

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-green_f] 2/5

2.1.3 Other hazards

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

In Canada, the product mentioned above is considered hazardous

under the Workplace Hazardous Materials Information System (WHMIS2015)

2.3 Other information



SECTION 3: Composition/information on ingredients



Chemical Name /	Composition	omposition CAS Classifie		ation (OSHA HCS 2012)	
Generic name	weight %	Registry No.	Hazard Class	Hazard statement	
Ethanol	1 ~ 5	64-17-5	Flam. Liq. 2	H225	
Water	55 ~ 65	7732-18-5	none	none	
Synthetic resin	20 ~ 30	Confidential	none	none	
Titanium dioxide	5 ~ 15	13463-67-7	none	none	
Others	1 ~ 5	Confidential	none	none	
total	100				

SECTION 4: First-aid measures

4.1. Description o	f 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.		
IF ON SKIN : Remove / Take off immediately all contaminated clothing. Wash with soap and v			
	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.		
Note to Physician			
	should be based on observed signs and symptoms of distress in the patient.		
	should be given to the possibility that overexposure to materials other than this product		
may have occu	irred.		
SECTION 5: Fire	e-fighting measures		
5.1. Extinguishing	media		
Suitable exting	uishing media : Dry chemical powder, foam or carbon dioxide		
Unsuitable exti	nguishing media : None		
5.2. Special haza	rds arising from the substance or mixture		
For 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.

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-green_f] 3/5

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

Item Nu

7.1. Precautions for safe handling				
Advice on safe handling : Use	ing : Use with adequate ventilation.			
Avo	id contact with skin, eyes and clothing.			
Obt	ain special instructions before use.			
Do not handle until all safety precautions have been read and understoo				
Do	not eat, drink or smoke when using this product.			
7.2. Conditions for safe storage, inclu	ding any incompatibilities			
Requirements for storage 💠 Keep containers tightly closed and store in a cool and dry place.				
areas and containers Keep away from heat and flame,ignition source and sunlight.				
Kee	p out of the reach of children.			

8.1. Control parameters ACGIH (2019)		
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
OSHA PEL		
Ethanol	TWA	1,000 ppm
Titanium dioxide	TWA	15 mg/m ³
Canada Ontario Provir	icial	5
Ethanol	STEL	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
Canada Quebec Provi	ncial	
Ethanol	TWA	1,000 ppm
Titanium dioxide	TWA	10 mg/m ³
8.2. Exposure controls		
Personal protective eq	uipment	
Respiratory Protect	ion : Use	with local exhaust ventilation, when in long use.
	Avoi	d breathing vapours. Wear mask to prevent organic gas, if necessary.
Hand Protection	: Avoi	d contact with hands. Wear safety gloves, if necessary.
Eye Protection	: Avoi	d contact with eyes. Wear safety glasses, if necessary.
Skin Protection	: Avoi	d skin contact. Wear personal protection apron, boots, if necessary.
Environmental exposu	re controls	
General advice	: Prev	rent product from entering drains.
	Prev	ent further leakage or spillage if safe to do so.
Numbers: 22129-8104	If the	e product contaminates rivers and lakes or drains inform respective author 1868.18 of 20

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-green_f] 4/5

Appearance		perties	
Appearance	: Green liquid		
Odor	: None		
рН	: Not applicat	le	
Boiling point	: 172.4°F (78	°C) ~ 212°F (100°C)	
Flash point	: 112.2°F (44	°C) (closed cup)	Not sustained combustibility ; Refer to section14
Relative Density (at 77°F, 2	· ·	, , , . ,	
Solubility in Water	: Soluble	om)	
-			
SECTION 10: Stability and	l reactivity		
10.1. Reactivity			
No dangerous reaction know		of normal use.	
10.2. Possibility of hazardous r Under normal conditions of		ardous reactions will	not occur
10.3. Chemical stability		ardous reactions will	
The product is stable.			
10.4. Conditions to Avoid			
High temperature, Direct su	nlight, Fire		
10.5. Incompatible Materials	-		
No data available			
10.6. Hazardous decompositio	n products		
CO, CO_2			
SECTION 11: Toxicologica	al information		
11.1. Information on toxicologic	cal effects		
Acute toxicity : LD/LC	C50 values that are r	elevant for classificati	on
[Etha	nol]		
Or	al-rat LD5	0 >5,000 mg/kg	
Inh	alation-rat LC5	0 >20 mg/L/4h	
Carcinogenicity : Titani	um dioxide has beer	classified by the IAR	C as Group 2B.
		ain any component th	
a hun	nan carcinogen by IA	RC, ACGIH, EPA, EL	J or NTP.
	ernmental Industrial Hygie SA) in the classification o	nists), EPA (Environmenta suspected carcinogenic 1	
SECTION 12: Ecological in	nformation		
12.1. Ecotoxicity	: No data ava	ilable	
12.2. Persistence and degrada	bility : No data ava	ilable	
12.3. Bioaccumulative potentia	I : No data ava	ilable	
12.4. Mobility in soil	:No data ava	ilable	
12.5. Other adverse effects	: No known si	gnificant effects or cri	itical hazards.
SECTION 13: Disposal co	nsiderations		

[ANSI Z400.1/Z129.1-2010][Shachihata Inc.] [EPP_F-green_f] 5/5

SECTION 14: Transport info	ormation		
14.1. UN number	(DOT, ADR, IMDG, IATA)	: None	
14.2. UN proper shipping name	(DOT, ADR, IMDG, IATA)	: None	
14.3. Transport hazard class(es)	(DOT, ADR, IMDG, IATA)	: None	
14.4. Packing group	(DOT, ADR, IMDG, IATA)	: None	
14.5. Environmental hazards	Marine pollutant	: N	
14.6. Special precautions for use	er EMS Number	: None	

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35°C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

SECTION 15: Regulatory information

< USA Information >

OSHA STATUS : This product is hazardous under 29 CFR 1910.1200.				
TSCA STATUS : All components on TSCA INVENTORY.				
TSCA Hazard Communication Program (40 CFR Part 721) (SNUR)	:	Not Applicable		
CERCLA REPORTABLE QUANTITY (40 CFR 117,302)	:	Not Applicable		
SARA TITLE III Section 313 (40 CFR 372)	:	Not Applicable		
California Proposition 65	:	Titanium dioxide		
		(airborne, unbound particles of respirable size)		

< Canada Information >

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

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

Last Revision Date : February 6, 2020 Preparation Date : October 3, 2013



EU RoHS (Directive 2011/65/EU) EU ELV (DIRECTIVE 2000/53/EC)