

**SAFETY DATA SHEET**

This document is prepared to the Globally Harmonized System of Classification and Labelling of Chemicals Guidelines 29CFR 1910 (OSHA HCS)

Date Aug 7th, 2018  
InfoTox No. Z\_092416SDS-4

**SECTION 1. PRODUCT IDENTIFICATION**

- 1.1 TRADE NAME (AS LABELLED):** Chameleon Color Tones Marker Pens, Color Tops, Chameleon Blender Pen and Chameleon Refill Inks
- 1.2 SYNONYMS:**  
CAS Number: Writing Instruments & Accessories  
Mixture, Not Applicable
- 1.2 PRODUCT USE:** Leisure, Arts & Crafts
- 1.3 MANUFACTURER'S NAME:**  
ADDRESS Chameleon Art Products Limited,  
Unit 23, Bolney Grange Business Park, Stairbridge Lane,  
Bolney, Haywards Heath, West Sussex, RH17 5PB, UK.
- BUSINESS PHONE: +44 1444 236 172  
FAX: -----  
EMAIL: info@chameleonpens.com
- 1.4 EMERGENCY PHONE NUMBER:** +44 1444 236 172  
DATE OF CURRENT REVISION: March 13th, 2017  
DATE OF LAST REVISION: October 6, 2016

**SECTION 2. HAZARD IDENTIFICATION****Component(s) Contributing to Classification(s)**

This product is an "ARTICLE" as defined in 29CFR OSHA Part 1910.1200c. Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees. As such, these marker pens would not be classed as hazardous for transport because the ink is fully encased and there is no access to the liquid ink.  
Signal Word: None Needed

**GHS Hazard Classification(s):**

This Product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR 1910.1200)

**GHS Classifications**

Hazard	Category	Signal Word	Hazard statement	Symbol
<b>Physical Hazards: Flammable Liquid</b>	None	None	None	None
<b>Health Hazards: Acute Toxicity</b>	None	None	None	None
<b>Skin Corrosion /Irritation</b>	None	None	None	None
<b>Eye Irritation</b>	None	None	None	None

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<b>Specific Target Organ Toxicity (single exposure) Central Nervous System (CNS)</b>	None	None	None	None
<b>Specific Target Organ Toxicity (Repeated Exposure) Kidney, Liver, Blood.</b>	None	None	None	None

### **LABEL ELEMENTS**

**Manufacturer:** See Section 1

**Hazard Statements:**

None needed

**Precautionary Statement(s):**

None needed

**Response Statement(s):**

None needed

**Storage Statement(s):**

None needed

**Disposal Statement(s):**

None needed.

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** No overexposure is anticipated when the product is used as intended.

**ACUTE:** None

**CHRONIC:** None

**TARGET ORGANS:** Acute: None                      Chronic: None

### SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<b>Ingredients:</b>	<b>WT%</b>	<b>CAS#</b>	<b>EINECS #</b>	
Article	100	Mixture	none	

### SECTION 4. FIRST - AID MEASURES

**4.1 DESCRIPTION OF FIRST AID MEASURES:**

**EYE CONTACT:** Not expected when used as intended.

**SKIN CONTACT:** Not expected when used as intended.

**INHALATION:** Not expected when used as intended.

**INGESTION:** Not expected when used as intended.

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### **4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

Not expected when used as intended.

### **4.3 RECOMMENDATIONS TO PHYSICIANS:**

None

## SECTION 5. FIRE-FIGHTING MEASURES

### **5.1 FIRE EXTINGUISHING MATERIALS:**

Not flammable since contents are encased in sealed container.

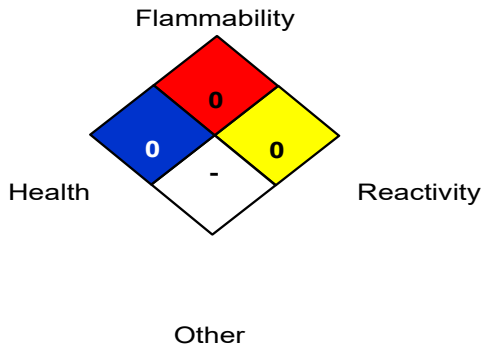
### **5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None expected.

### **5.3 SPECIAL FIRE-FIGHTING PROCEDURES:**

None expected.

#### NFPA RATING SYSTEM



#### HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

<b>HEALTH HAZARD (BLUE)</b>		<b>0*</b>	
<b>FLAMMABILITY HAZARD (RED)</b>		<b>0</b>	
<b>PHYSICAL HAZARD (YELLOW)</b>		<b>0</b>	
<b>PROTECTIVE EQUIPMENT</b>			
EYES	RESPIRATORY	HANDS	BODY
None	None	None	None
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

None needed

### **6.2 ENVIRONMENTAL PRECAUTIONS:**

None needed

### **6.3 SPILL AND LEAK RESPONSE:**

**Small spills:** Return pens to container. No hazard exists with the ink encased within the pen. Ink refills can be cleared with an absorbent material.

**Large spills:** Return pens to container. No hazard exists with the ink encased within the pen. Ink refills can be cleared with an absorbent material

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## SECTION 7. HANDLING and STORAGE

### **7.1 PRECAUTIONS FOR SAFE HANDLING:**

No precautions are necessary when handled as intended.

### **7.2 STORAGE AND HANDLING PRACTICES:**

Store safe from abusive action.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **8.1 EXPOSURE PARAMETERS:**

<b>Ingredients:</b>	<b>WT%</b>	<b>CAS#</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other</b>
Article	100	Mixture	Not Established	Not Established	Not Established

### **8.2 EXPOSURE CONTROLS:**

**VENTILATION AND ENGINEERING CONTROLS:** The small amounts of ink used to write and supplied in the refill bottles are considered de minimis and do not need ventilation and engineering controls.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Not required.

**EYE PROTECTION:** Not required.

**HAND PROTECTION:** Not required.

**BODY PROTECTION:** Not required.

## SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

### **9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE (Physical State) and COLOR:** Marker Pen inks clear, black, orange, yellow, aqua and red.

**ODOR:** Practically none

**ODOR THRESHOLD:** Not available

**pH:** Not applicable

**MELTING/FREEZING POINT:** Not applicable

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**BOILING POINT:** Not applicable

**FLASH POINT:** Not available

**EVAPORATION RATE (n-BuAc=1):** Not available

**FLAMMABILITY (SOLID, GAS):** Not flammable at ambient temperatures

**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not known

**VAPOR PRESSURE:** Not known

**VAPOR DENSITY:** No vapor

**RELATIVE DENSITY:** Not Available

**SPECIFIC GRAVITY:** Not Available

**SOLUBILITY IN WATER:** Non-Soluble

**WEIGHT PER GALLON:** Not Available

**PARTITION COEFFICIENT (n-octanol/water):** Not Available

**AUTO-IGNITION TEMPERATURE:** Not Available

**DECOMPOSITION TEMPERATURE:** Not Available

**VISCOSITY:** not applicable

**% VOLATILE:** not known

### **9.2 OTHER INFORMATION:**

No additional information available at this time.

## **SECTION 10. STABILITY and REACTIVITY**

### **10.1 REACTIVITY:**

This product is not reactive.

### **10.2 STABILITY:**

Stable under conditions of normal storage and use.

### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Will not occur.

### **10.4 CONDITIONS TO AVOID:**

None known

### **10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**

None known

### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

None known

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**

##### **TOXICITY DATA:**

<b>Ingredients:</b>	<b>WT%</b>	<b>CAS#</b>	<b>LD50 Oral mg/kg mouse</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation ppm/10H Rat</b>
Article	100	Mixture	Not found	Not found	Not found

#### **8.2 EXPOSURE CONTROLS:**

**IRRITANCY OF PRODUCT:** Not an irritant when used as intended.

**SENSITIZATION TO THE PRODUCT:** Not a sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** Not a reproductive toxicant.

**FURTHER INFORMATION:** None known.

### SECTION 12. ECOLOGICAL INFORMATION

#### **12.1 ECOTOXICITY:**

Not hazardous to the environment.

#### **12.2 PERSISTENCE AND DEGRADABILITY:**

Persistence is unlikely based on information available.

#### **12.3 BIOACCUMULATIVE POTENTIAL:**

This material is not expected to significantly bioaccumulate.

#### **12.4 MOBILITY IN SOIL:**

Not mobile

#### **12.5 RESULTS OF PBT AND vPvBASSESSMENT:**

No specific data available on this product.

#### **12.6 OTHER ADVERSE EFFECTS:**

None known.

#### **12.7 WATER ENDANGERMENT CLASS:**

Not known.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### **13.1 WASTE TREATMENT METHODS:**

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Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

### **13.2 EU WASTE CODE:**

Not determined

## SECTION 14. TRANSPORTATION INFORMATION

**14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows:  
Not regulated.

### **14.2 ENVIRONMENTAL HAZARDS:**

**MARINE POLLUTANT:** This product is not designated by the Department of Transportation to be a Marine Pollutant (49 CFR 172.101, Appendix B).

### **14.3 SPECIAL PRECAUTION FOR USER:**

None

## SECTION 15. REGULATORY INFORMATION

### **15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:**

#### **UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows:

**SARA 313 REPORTING:** None

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** No RQ for this product.

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None known.

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does not contain sufficient chemicals known to the state of California to cause cancer or birth defects due to being below the de minimis safe harbor rule when the product is used as intended.

#### **15.2 CANADIAN REGULATIONS:**

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**CANADIAN DSL/NDSL INVENTORY STATUS:** All components are DSL Listed, NDSL Listed and/or are exempt from listing.

**OTHER CANADIAN REGULATIONS:** Not applicable.

### 15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

### **CHEMICAL SAFETY ASSESSMENT:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### 15.4 AUSTRALIAN INFORMATION FOR PRODUCT: Not known.

### 15.5 JAPANESE INFORMATION FOR PRODUCT:

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not available due to its "article" status.

**JAPANESE ENCS INVENTORY:** Not known.

**POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:** The components of this product are not available due to its "article" status.

### 15.6 INTERNATIONAL CHEMICAL INVENTORIES:

Not known

### **EUROPEAN UNION INFORMATION:**

#### **EMERGENCY OVERVIEW:**

<b>Product Description:</b>	Marking pen.
<b>Health Hazards:</b>	None known.
<b>Flammability Hazards:</b>	No Flash point, not flammable at ambient temperatures
<b>Reactivity Hazards:</b>	Not reactive.
<b>Environmental Hazards:</b>	Release of the product is not expected to cause adverse effects to the aquatic environment.
<b>Emergency Recommendations:</b>	None known

US DOT SYMBOLS

CANADA (WHMIS) SYMBOL(S)

EUROPEAN and (GHS) Hazard Symbol(s)

Not Regulated

Not Regulated

Not Hazardous  
No Signal word

### EU LABELING AND CLASSIFICATION:

This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

### **EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

EC# Proprietary This substance is not classified in the Annex I of Directive 67/548/EEC

EC# 204-658-1 Annex1 Index# 607-025-00-1

EC# 215-535-7 Annex1 Index# 601-022-00-9

EC# 265-199-0 Annex1 Index# 649-356-00-4

EC# 201-039-8 This substance is not classified in the Annex I of Directive 67/548/EEC

CAS# 9004-36-8 Not Listed in ESIS

Substances not listed either individually or in group entries must be self classified.

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### SECTION 16. OTHER INFORMATION

**ABBREVIATIONS AND ACRONYMS:**

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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