

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

ShurTech Brands, LLC 32150 Just Imagine Dr Avon, OH 44011 Phone: 1-800-321-0253	<b>PRODUCT 24-HOUR EMERGENCY PHONE NUMBER: Rocky Mountain Poison Control: 1-888-524-0124</b>
Product Name: Duck® Brand Duct Tape Marker - Silver Description: Valve activated water-based paint marker Recommended Use: General use, Crafting	
Prepared Date: 4-Apr-2014	Prepared By: Technical Services

## Section 2: HAZARDS IDENTIFICATION

**Emergency Overview**

None. This product is not anticipated to induce acute health effects.

**Potential Health Effects**

**Inhalation:** May cause irritation to the upper respiratory tract.

**Eyes:** Direct contact with the eyes may cause temporary irritation.

**Skin:** May cause mechanical irritation to skin and mucous membranes.

**Ingestion:** No known effects.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>% Weight</u>
Proprietary	n/a	95 - 99 %
Tributoxyethyl phosphate	78-51-3	1 -5 %

## Section 4: FIRST AID MEASURES

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, call a physician.

**Eyes:** If irritation occurs, flush the eye with plenty of running water for 15 minutes. If eye irritation persists, get medical attention.

**Skin:** Flush with warm, running water for 15 minutes if skin irritation occurs.

**Ingestion:** Clean mouth out with water. After flushing the mouth, drink plenty of water.

**Medical Conditions Aggravated by Exposure:** None known.

## Section 5: FIRE FIGHTING MEASURES

### Hazardous Products of Combustion:

Carbon monoxide. Carbon dioxide.

### Fire and Explosion Hazards:

None.

### Extinguishing Media:

X	Foam		Water Spray	X	CO2	X	Dry Chemical
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### Fire Fighting Instruction:

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions:

Ensure adequate ventilation, especially in confined areas.

### Environmental Precautions:

None.

### Clean Up Procedures/Neutralization:

Clean up in accordance with all applicable regulations. Dispose of in accordance with federal, state and local regulations.

## Section 7: HANDLING AND STORAGE

### Handling:

Handle in accordance with good industrial hygiene and safety practice.

### Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store with cap on above 32°F and keep from freezing. If product freezes, allow to thaw completely prior to use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Read all product instructions before using.

### Exposure Guidelines

Chemical Name	List	Exposure Limit	Note
none	n/a	n/a	n/a

ACGIH = American Conference of Industrial Hygienists; AIHA = American Industrial Hygiene Association; ERPG-1 = the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hour without experiencing more than mild, transient adverse health effects or without perceiving a clearly defined objectionable odor; ERPG-2 = the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hour without experiencing or developing irreversible or other serious health effects or symptoms that could impair an individual's ability to take protective action; ERPG-3 = the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hour without experiencing or developing life-threatening health effects; IDLH = Immediately Dangerous to Life and Health; NIOSH = National Institute for Occupational Safety and Health; OEL = Occupational Exposure Limit; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; REL = Recommended Exposure Limit; TLV = Threshold Limit Value; TWA = Time Weighted Average; WEEL = Workplace Environmental Exposure Level

**Respiratory Protection:** No protective equipment is needed under normal use conditions.

**Eye Protection:** No protective equipment is needed under normal use conditions.

**Skin Protection:** No protective equipment is needed under normal use conditions.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid paint marker containing black ink.
<b>Physical State:</b>	Liquid
<b>Odor:</b>	None
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Flash Point:</b>	108.9°C (228°F) Pensky-Martens Closed Cup (PMCC)
<b>Autoignition Temperature:</b>	Not determined
<b>Flammability Limits in Air:</b>	Not determined
<b>Explosion Data:</b>	Not determined
<b>Melting Point/Range:</b>	0°C (32°F)
<b>Boiling Point/Range:</b>	100-291.1°C (212-556°F)
<b>Viscosity:</b>	Not determined
<b>Solubility in Water:</b>	Soluble in water
<b>Solubility:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Specific Gravity:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Incompatible Products:** None known based on information supplied.

**Conditions to Avoid:** None known based on information supplied.

**Hazardous Decomposition** Carbon monoxide. Carbon dioxide.

**Hazardous Products of**

**Polymerization:** Hazardous polymerization does not occur.

## Section 11: TOXICOLOGICAL INFORMATION

### Acute Effects

**Inhalation:** No known effects.

**Eye Contact:** Mechanical irritation

**Skin Contact:** Mechanical irritation

**Ingestion:** No known effects.

### Sensitization

**Respiratory:** No known effects.

**Skin:** No known effects.

### Product Information

Chemical	LD50 Oral	LD50 Dermal	LC50 Inhalation
Tributoxyethyl phosphate	3000 mg/kg (rat)	> 5000 mg/kg (rabbit)	> 6.4 mg/L (rat) 4 h

### Chronic Effects

#### **Repeated Dose Toxicity:**

No known effects.

#### **Chronic Toxicity and Carcinogenicity:**

This product does NOT contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

#### **Developmental Toxicity:**

No known effects.

#### **Genetic Toxicity:**

No known effects.

## Section 12: ECOLOGICAL INFORMATION

### Product Information

Chemical	Acute Toxicity to Fish	Acute Toxicity to Aquatic Invertebrates	Toxicity to Microorganisms
Tributoxyethyl phosphate	10.4 - 12.0; 96 h Pimepales promelas mg/L LC50 flow-through		

### **Biodegradation and Bioaccumulation**

No information.

## Section 13: DISPOSAL CONSIDERATIONS

Dispose of product in accordance with all applicable regional, national and local laws and regulations.

## Section 14: TRANSPORT INFORMATION

Ground: Not regulated.

Air: Not regulated.

Water: Not regulated.

Exceptions: None

Note: None

## Section 15: REGULATORY INFORMATION

The information herein is presented in good faith. This information is believed to be accurate as of the effective date indicated on the SDS. No warranty is expressed or implied. Regulatory requirements are subject to change and differ from location to location. It is the buyer's responsibility to ensure compliance with all laws including federal, state and local regulations.

### **OSHA Hazard Communication Standard**

This product is not a hazardous substance within the meaning of the OSHA Hazard Communication Standard and will not require hazard classification in line with OSHA's HazCom 2012 Standard.

### **TSCA (Toxic Substances Control Act)**

All ingredients in this product are on the TSCA Inventory.

### **SARA Title III Section 313**

<u>Chemical</u>	<u>CAS Number</u>	<u>Percent (w/w)</u>	<u>SARA 313 Threshold</u>
none	n/a	n/a	n/a

**SARA Title III Section 311/312 Hazard Categories**

None

**Clean Air Act**

This product is not subject to VOC standards for consumer products under 40 CFR 59.203.

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

<u>Chemical</u>	<u>CAS Number</u>	<u>Hazardous Substances Reportable Quantity</u>
none	n/a	n/a

**U.S. State Right to Know Regulations**

The following chemicals in this product appear on the following U.S. State Right to Know Lists.

<u>Chemical</u>	<u>IL</u>	<u>MA</u>	<u>NJ</u>	<u>PA</u>	<u>RI</u>
none	n/a	n/a	n/a	n/a	n/a

**California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986)**

ShurTech Brands, LLC hereby certifies that, to the best of its knowledge, this product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm (Proposition 65 Chemicals) at levels which require a warning under the statute.

**Canada**

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

**WHMIS Hazard Class**

Non-controlled

**Section 16: OTHER INFORMATION**

VOC Content: 0.47 - 0.58 %

Special Statements: Conforms to ASTM D-4236.

This product is not intended for industrial uses.

Failure to use this product in accordance with the conditions of safe use and recommendations made in this Material Safety Data Sheet (MSDS) may result in potential physical hazards, health risks, or other problems.

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