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**1. Identification of the Substance/Preparation and the Company Undertaking****GHS Product Identifier****Product Name**                      Stainless Steel Marker – Red**Other Means of Identification****Part Number**                      01138  
**Color**                                      Red  
**Temperature Range**                -20 to 150°F**Recommended use of the chemical and restrictions on use****Recommended Use**                Paint Marking Pen**Uses Advised Against**            No information available**Supplier's Details****Supplier Address**Arro-Mark LLC.  
158 West Forest Ave  
Englewood, New Jersey, 07631 USA  
Phone: 201-657-4112  
FAX: 201-567-1373**Emergency Telephone Number**

Chemtec                      US 800-424-9300                      International 703-527-3887

**2. HAZARDS IDENTIFICATION****Classification**

This chemical is considered hazardous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200)  
Contains Trimethyl benzene and Xylene:  
Flammable Liquid Category 3  
Skin Irritation Category 2  
Eye Irritation category 2A

**GHS Label Elements, including precautionary statements****Emergency Overview****Signal Word** – Danger  
**Hazard Statements** –

Skin irritation  
Eye irritation  
Respiratory irritation  
May be harmful if swallowed  
Flammable liquid and vapour



**Appearance** – Opaque, Red  
**Physical state**- liquid  
**Odor** – Petroleum Odor

### **Precautionary Statements**

#### **Prevention**

Do not handle until all safety precautions have been read and understood  
Keep container tightly closed  
Avoid breathing dust/vapors/fumes  
Wash face and hands and any exposed skin thoroughly after handling  
Wear protective gloves/clothing/eye protection/face protection  
Use personal protection as required  
Keep away from heat, sparks, open flame  
Use in a well-ventilated area  
Avoid release to the environment

#### **General Advice**

If exposed or concerned: get medical attention/advice

KEEP OUT OF REACH OF CHILDREN.

#### **Eyes**

Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If irritation persists seek medical attention/advice.

#### **Skin**

Remove contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention/advice.

#### **Inhalation**

Remove patient to fresh air and keep at rest in a comfortable position for breathing. Seek medical attention immediately. Deliberate concentration and inhalation can be harmful or fatal.

#### **Ingestion**

If accidentally swallowed seek medical attention immediately. Do not induce vomiting.

#### **Fire**

Use CO<sub>2</sub>, dry chemical, alcohol-resistant foam

#### **Spills and Leaks**

Contain and collect spillage

#### **Storage**

Store in dry well ventilated place. Keep tightly sealed. Prevent unauthorized access.

## Disposal

Dispose of contents/container in approved waste disposal plant

## Hazard not Otherwise Classified (HNOC)

Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS -No	Weight %	Trade Secret
Aromatic Hydrocarbon	64742-95-6	26-36	*
Pigment Red	2786-76-7	1-10	
Xylene	1330-20-7	1-5	*
1,2,4 Trimethyl Benzene	95-63-6	1-5	

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of necessary first-aid measures

**General Advice** In case of doubt, or when symptoms persist, seek medical attention. Do not leave victim unattended.

**Eye Contact** Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Remove contact lenses. Get medical attention immediately.

**Skin Contact** Flush skin with plenty of water. Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular seek medical advice. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

**Ingestion** Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Protection of First Aiders** Use personal protection equipment.

#### Most important symptoms/effects, acute and delayed

**Most important symptoms/effects** Drowsiness, blurred vision if concentrated and inhaled.

#### Indication of immediate medical attention and special treatment needed, if necessary

**Note to physician** Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

FLASH POINT: 108°F (TCC) ASTM D56 Note: Minimum

FLAMMABLE LIMITS: LEL 0.9 UEL 6.0 @ 77°F Note: Approximate

#### Suitable Extinguishing Media

Dry chemical, carbon dioxide, alcohol resistant foam. For large fires, use foam. Shut off flow and allow to burn out.

**Unsuitable extinguishing media** High volume water jet

**Specific Hazards arising from the chemical** Vapors explosive if collected. Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source. Do not allow run off from fire-fighting to run into drains or water courses. If run-off occurs, notify proper authorities.

**Protective Equipment and Precautions for Firefighters**

Wear appropriate self-contained breathing apparatus MSHA/NIOSH (approved or equivalent) and full protective gear. Cool closed containers exposed to fire with water spray. Avoid inhalation of material or combustion by-products; stay upwind.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid breathing vapors. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment.

**Environmental Precautions** Avoid release into the environment. Do not allow to enter drains or watercourses. If the product contaminates rivers, lakes or drains, inform respective authorities.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Contain the spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth to soak up the product and place in a suitable container for disposal in accordance with the waste regulations

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Avoid skin and eye contact. Avoid the inhalation of vapor and mist. Keep away from open flame and sources of ignition.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away for open flame, hot surfaces and sources of ignition. Keep containers tightly closed. Observe label precautions. Store between 5-25° C in a dry, well ventilated place. Prevent unauthorized access.

Information on this Safety Data Sheets refers to ink used in pens and markers; however, it applies to these inks in bulk. The inks are contained in capillary or valve reservoirs and will not spill or leak under normal conditions

**Incompatible products** Strong oxidizing and reducing agents, strong alkalis and strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

<b>Ingredient</b>	<b>CAS No.</b>	<b>OSHA PEL</b>	<b>ACGIH-TLV</b>	<b>Recommended</b>
Aromatic Hydrocarbon	64742-95-6	TWA 100 ppm	TWA 100 ppm	No Data
Xylene	1330-20-7	TWA 100 ppm	TWA 100 ppm	No Data

1,2,4,Trimethyl Benzene 95-63-6 TWA 100 ppm TWA 100 ppm No Data

**Appropriate engineering controls**

**Engineering Measures** Showers, eyewash stations, ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face protection** None under normal use conditions. Avoid eye contact. Wear chemical splash goggles in compliance with OSHA regulation if splashing is possible

**Skin and body Protection** None under normal use conditions. Avoid repeated or prolonged contact with skin. Wear impervious gloves if needed to prevent possible skin irritation.

**Respiratory Protection** None under normal use conditions. Use with adequate ventilation. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

**Hygiene Measures** Use in a well-ventilated area. When using do not eat, drink, or smoke002E Provide regular cleaning of equipment, work areas and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b><u>Property</u></b>	<b><u>Value</u></b>
Boiling Point:	318-338°F
Specific Gravity (H2O = 1)	0.87@60°F
Vapor Pressure:	2.09@68°F
Melting Point:	7°F
Vapor Density (Air=1)	>1
Evaporation (BA=1)	0.3
Solubility in Water:	0.02@77°F
Appearance and Order:	Viscous liquid
Order	Aromatic odor
VoC:	60.5%, 579.95 g/L

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under normal storage and handling conditions
<b>Possibility of Hazardous reactions</b>	None under normal use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Heat, open flame, sparks, and sources of ignition
<b>Incompatible Materials</b>	Strong oxidizing and reducing agents, strong alkalis and strong acids
<b>Hazardous Decomposition Products</b>	No decomposition if stored and applied as directed.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information** There is no data available on the product itself.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** There is no data available on the product itself

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with all applicable local, state and federal regulations. Do not allow to enter into drains, water courses or the soil.

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**Packing Group** : III

**Label Codes** : 3

**EmS-No. (Fire)** : F-E

**EmS-No. (Spillage)** : S-E



### 14.1 In Accordance with IATA

**Proper Shipping Name** : CONSUMER COMMODITY

**Identification Number** : ID8000

**Hazard Class** : 9

**Label Codes** : 9

**ERG Code (IATA)** : 9L



### 14.2 In Accordance with TDG

**Proper Shipping Name** : CONSUMER COMMODITY

**Hazard Class** : 9

**Identification Number** : ID8000

**Label Codes** : 9



## 15. Regulatory Information

### U.S. Federal Regulations

**TSCA:** Ingredients in this product are listed on the TSCA inventory as a UVCB (Unknown, Variable Composition or Biological) Chemical at CAS Registry Number 64742-95-6.

**Clean Water Act/Oil Pollution Act:**

Ingredients in this product are classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990.

**CERCLA:** Ingredients in this product as sold are derived from a fraction of crude oil and are excluded from spill reporting requirements by CERCLA Section 101 (14) (F).

### **SARA Title III:**

Sec. 302/304: None

Sec. 311/312: Delayed Health, Fire

Sec 313: 1,2,4-Trimethylbenzene 95-63-6 32.0%

Xylene 1330-20-7 3.0%

Cumene 98-82-8 1.5%

**California Prop 65:** This product contains the following chemicals known to the State of California to cause cancer: Ethylbenzene

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

**WHMIS Classification:** Not Controlled.

**NSNR Status (New Substance)** All ingredients in the product are listed, as required, on Canada's Domestic

**Notifications Regulations:** Substances List (DSL).

**NPRI Substances (National**

**Pollutant Release Inventory):** Xylene, 1,2,4-Trimethylbenzene

**Risk Phrases:** None

**Safety Phrases:** S2: Keep out of reach of children.

**OTHERS**

This product does not contain chemicals known to deplete the ozone layer.

**16. OTHER INFORMATION**

Health Hazard 1

Flammability 2

Reactivity 0

Personal Protection B

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**End of Safety Data Sheet**