

Date of Issue: 22<sup>nd</sup> November, 2016

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Yoken Markers Bullet Assorted 12's

Importer:

Zart Art Pty Ltd

48 Overseas Drive, Noble Park North Vic 3174

Ph: (03) 9890 1867 Fax: (03) 9898 6527

## 2. HAZARDS IDENTIFICATION

Most important hazards and effects: GHS Classification  
Physical and chemical hazards: Flammable liquid Category 2

Environmental hazards: Acute toxicity: Category 3  
Chronic toxicity: Not classified

GHS label elements:



Signal words:

GHS hazard statements:

Danger

Highly flammable liquid and vapour.

Causes skin irritation.

Cause serious eye irritation.

Vapours may cause drowsiness and dizziness.

May cause genetic defects.

Suspected of causing cancer.

May damage fertility or the unborn child.

Cause damage to organs. (Kidney, Systemic toxicity, Central nervous system).

Cause damage to organs through prolonged or repeated exposure (Liver).

Harmful to aquatic life.

Precautionary statements:

Keep out of the reach of children.

Keep container tightly closed.

Keep away from sources of ignition – No smoking.

Avoid contact with skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Keep cool.

UN No.: Not regulated.  
Class: Not regulated  
IMDG: Not regulated

Packing Group: Not regulated.  
Label: Not applicable

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

This is a Substance or a Preparation: Preparation

The ink of this pen contained the following substance:

Substance Name	CAS No.	Percentage
Ethanol	64-17-5	15-20%
1-Propanol	71-23-8	15%
2-Propanol, 1-methoxy-Ethanol	107-98-2	50%
Propan-2-ol	67-63-0	1%
Resin		6.5%
Dye-stuff		4.0-8.2%

## 4. FIRST AID MEASURES

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed.
- Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure.
- Inhaled:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. Get medical aid.
- Swallowed:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

## 5. FIRE-FIGHTING MEASURES (AS INK)

**Extinguishing Media:** Water, Dry chemical powder, Dry sand.

**Unsuitable extinguish media:** No information available.

**Fire Fighting Procedures:** Wear protective equipment. Use designated proper fire-extinguisher.

**Hazardous Products**

# MSDS

Distributed by:

7/41 Lexton Road, Box Hill North  
Melbourne Victoria 3129 Australia  
P: (+61 3) 9890 1867 F: (+61 3) 9898 6527  
www.zartart.com.au  
E: zartart@zartart.com.au



of combustion: Carbon oxides, Nitrogen oxides, etc.

Physical and chemical hazards: Flammable liquid Category 2

## 6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear protective equipment. (As ink)  
Not required in normal use. (As marker)  
Cleaning up Methods: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation.

## 7. HANDLING AND STORAGE

Storage: Store in the dark and cool place.  
Handling: Handling in the well ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (AS MARKER)

Engineering Measures: Not required in normal use.

Personal Protective Equipment:

Respiratory protection: Not required in normal use.  
Hand Protection: Not required in normal use.  
Eye Protection: Not required in normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Felt tipped marking pen.  
Odor: Slightly characteristic odour.  
Boiling Point: No information available.  
Melting Point: No information available.  
Ignition Point: No information available.  
Explosion limit: No information available.  
Vapour Pressure: No information available.

## 10. STABILITY AND REACTIVITY

Stability: Stable at the normal temperature.  
Reactivity: No information available.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: 1-Propanol      Rat(Mouth) LD50: 1900mg/kg (ACGIH, 2004)

Health Hazards:

Acute toxicity (Inhalation):      Not applicable      .

Acute toxicity (Dermal):      Not classified.

Acute toxicity (Oral):      Not classified.

Skin corrosion/irritation:      Category 2

Serious eye damage/  
eye irritation:      Category 2

Respiratory sensitization:      Classification not possible.

Skin sensitization:      Classification not possible.

Germ cell mutagenicity:      Category 1

Carcinogenicity:      Category 2

Reproductive toxicity:      Category 1

Special target organ systemic toxicity

Single exposure:      Category 1 (Kidney, Systemic toxicity, Central nervous system)  
Category 3 (Narcotic effects)

Repeated exposure:      Category 1 (Liver)  
Category 2 (Nerve, Blood vessel, Spleen)

Aspiration hazard:      Classification not possible.

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

Packing or remaining material should be wasted through contracted waste disposer.

## 14. TRANSPORT INFORMATION

UN No.:	Not regulated.	Class:	Not regulated
IMDG:	Not regulated	Packing Group:	Not regulated.
Label:	Not applicable		

## 15. REGULATORY INFORMATION

Regulatory information regarding this substance in your country should be examined by your own responsibility.

## 16. OTHER INFORMATION

This information in those documents is based on our current knowledge. It should not therefore be construed as guaranteeing any specific properties of the products described or their suitability for particular application.

The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein AND disclaim all liability for reliance thereon. Users should satisfy themselves that they have all data relevant to their particular use.