

Date of Issue: 10th September, 2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Yoken Permanent Ink Marker (Xylene Free type)

Trade Name: AP-10,20

Product Colours: Black, Red, Blue, Green

Importer:

Zart Art

48 Overseas Drive,

Noble Park North, vic. Australia 3174

Ph: 03 9890 1867 Fax: 03 9898 6527

Emergency Contact: Poisons Centre 13 11 26

2. HAZARDS IDENTIFICATION

Hazard Designation: R-11 Highly flammable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: Solvent based marker

substance

● preparation

Dangerous Components:

| Ingredient | CAS No. | Designation | % | Index | |
|----------------------|----------|-------------|--------|-------|------------------|
| Ethanol | 64-17-5 | 200-578-6 | 25-42% | F | R11 |
| Propan-2-Ol | 67-63-0 | 200-661-7 | 0-25% | F,Xi | F;R11-Xi;r36-R67 |
| 1-methoxypropan-2-ol | 107-98-2 | 203-539-1 | 25-34% | | R10 |

4. FIRST AID MEASURES

FIRST AID:

Eye Contact: Wash the eyes immediately with copious amounts of running water for over 15 minutes. If necessary see an oculist.

Skin Contact: Rinse with running water and soap

Inhaled: Remove the victim from the contamination to fresh air.

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Swallowed: In case of persistent symptoms consult doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: CO₂, extinguishing powder, foam
For safety reasons unsuitable extinguishing media: Nothing Special
Protective Equipment: No special measures required

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Keep ventilate while using.
Measures for environmental protection: N/A
Measures for cleaning / collecting: N/A

7. HANDLING AND STORAGE

Handling:
Information for safe handling: Do not contact with skin, eyes.
Information about protective against explosions and fires: Nothing special
After Using: Close the cap tightly.

Storage:
Requirements to be met by storeroom and containers: Avoid open flames, Freezing.
Materials to Avoid: Strong-oxidising agents.
Additional Information: Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: N/A
Specific control parameters / limit values:

| CAS No. | Designation of Material | % | ACGIH TWA |
|---------|-------------------------|-------------|-----------|
| 71-23-8 | 1-propanol | 10-25%(ink) | 200 ppm |
| 67-63-0 | Iso propanol | 0-25% (ink) | 400 ppm |

Personal Protective Equipment: Unnecessary in normal use.
General protective and hygienic measures: Unnecessary in normal use.
Breathing Equipment: Unnecessary in normal use.
Protection of Hands: Unnecessary in normal use.
Eye Protection: Unnecessary in normal use.
Skin Protection: Unnecessary in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: Solvent based Marking pen

Colour: Same as section 1

Odour: Ink of this marker with solvent (alcohol) odour.

Safety Parameters:

Boiling Point: n.d

Melting Point: n.d

Flash Point: n.d

Flammability: Flammable

Auto Flammability: n.d

Ignition Temperature: n.d

Explosion Limits:

Lower: 1%

Upper: 19%

Vapour Pressure: n.d

Relative Density: 1>g/cm³ (INK, at 25oC)

Oxidizing properties: None

Solubility:

In Water: Yes (ink)

In fat: n.d.

Ph: N/A

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoid: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reaction known

Dangerous products of decomposition products known: No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Acute toxicity: n.d

Chronic toxicity: n.d

Primary irritant effect: Ink vapour of this marker is not irritant effect

On the skin: Ink of this marker is not irritant effect.

On the eye: Ink vapour of this marker is not irritant effect.

Sensitization: Ink vapour of this marker is not irritant effect.

12. ECOLOGICAL INFORMATION

No applicable information was found.

13. DISPOSAL CONSIDERATIONS

Recommendation: Disposal should be in accordance with local, state or national regulation

14. TRANSPORT INFORMATION

GGVsea / IMDG-Code: Class 3.2 grade II page 3219
Packing instructions for air flight: PAT305, Y305, CA307
UN/ID Number: 1170
RID/ADR (EC): N/A
Packing Group: N/A
EmS-No. (Emergency schedule): N/A
MFAG-table No.: N/A
Marking/Label: Flammable

15. REGULATORY INFORMATION

Follow all regulation in your country.

Classification, packing and labelling of dangerous substances and preparations according to EC-Directives: Same as in section 8

Code latter and hazard designation of product: N/A

Risk Phrases: 11 Highly Flammable

Safety Phrase: 16 Keep away from sources of ignition – NO SMOKING

Further Information: N/A

National Regulations: N/A

Marine Pollution Class: N/A

16. OTHER INFORMATION

These data are based on our present knowledge. However, TAIYOSHA CHEMICAL FACTORY LTD., does not assume any liability whatsoever for the accuracy or material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the hazards which exist.

Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.

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