

# Safety Datasheet

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Product name: YOKEN Paint Ink marker  
Producer/Supplier: Taiyosha Chemical Factory Ltd.

Revision date: August 8, 2002  
Date: September 10, 2000

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDER TAKING

- 1.1 Identification of the substance or preparation:  
Trade name : No, GS-106, 106F, 106E  
Color: Gold, Silver, White, Black, Red, Blue, Green, Yellow, Brown, Violet, Orange, Light Blue, Light Green, Pink, Grey.
- 1.2 Company / undertaking identification:  
Taiyosha Chemical Factory Ltd.  
20 - 12, 3 - Cho, Tokiwa - Cho, Sakai - City, Osaka-prof, Japan.  
Tel: 81-722-52-2811 Fax: 81-722-52-2831

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization : Solvent based marker substance preparation  
Description: Mixture of the listed below with harmless additions.  
Dangerous components:  
CAS No. Designation % Index  
1330-20-7 Xylene 25 ~ 60 % (Ink) Xn

## 3. HAZARDS IDENTIFICATION

Hazard designation: Irritating to skin.  
Harmful by inhalation and in contact with skin.

## 4. FIRST-AID MEASURES

Inhalation: Remove the victim from the contamination to fresh air.  
Eye : wash the eyes immediately with copious amounts of running water for over 15 minutes.  
If necessary see an oculist.  
Ingestion : It may be necessary medical advice.  
Skin : Rinse with running water and soap.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO<sub>2</sub> , 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  
Avoid contact with skin and eyes.  
Measures for environmental protection: n.a  
Measures for cleaning / collecting : n.a

## 7. HANDLING AND STORAGE

7.1 Handling  
Information for safe handling : n.a  
Information about protective against explosions and fires : Nothing special  
After using : Close the cap tightly

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## 7.2 Storage

Requirements to be met by storeroom and containers : Avoid open flames, Freezing.

Materials to avoid: Strong-oxidizing agents.

Additional information: Keep out of the reach of children.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Engineering measures: n.a

8.2 Specific control parameters / limit values:

CAS No. Designation of material % OSHA PeI ACGIH Tlv

1330-20-7 Xylene 25-60%(ink) 100ppm 100ppm

8.3 Personal protective equipment:

General protective and hygienic measures: Not normally required if used as intended..

Breathing equipment : Not normally required if used as intended..

Protection of hands . : Not normally required if used as intended..

Eye protection : Not normally required if used as intended..

Skin protection : Not normally required if used as intended..

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance Form: Marking Pen with solvent based ink

Color: Same as 1.1

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

9.2 Safety parameters:

P.H : n.a

Change in physical State: Boiling point : 140.

Melting point: n.d.

Flash point : 24.8 . (Tag Closed)

Flammability : Flammable

Auto flammability: n.d

Ignition temperature: n.d

Explosion limits: lower: 1%

Upper: 7%

Vapor Pressure: n.d

Relative density: 1> g/cm3

(INK, at 25.)

Oxidizing properties: None

Solubility: In water: Insoluble (ink)

9.3 Other data: None

## 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.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful substances include ink of this marker.  
Xylene Oral LD50 (rat) 4.0g/Kg  
Chronic toxicity: n.d  
Primary irritant effect: Ink vapor of this marker is slightly irritating.  
On the skin: Ink of this marker is slightly irritating.  
On the eye: Ink vapor of this marker is slightly irritating.  
Sensitization: Ink vapor of this marker is slightly irritating.

## 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 3.3 grade III page 3394  
Packing instructions for air flight : PAT309, Y309, CA310  
UN / ID Number : 1307  
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.

- 15.1 Classification, packing and labeling of dangerous substances and preparations according to EC-Directives. : Same as 8.2  
Code latter and hazard designation of product : n.a  
Risk phrases : 10 Flammable  
20 / 21 Harmful by inhalation and in contact with skin.  
38 Irritating to skin.  
Safety phrase : 24/25 Avoid contact with skin and eyes.
- 15.2 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, they shall not constitute a guarantee for any specific features and shall not establish a legally valid contractual relationship.