

# EC-Safety Data Sheet

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(conforms to 91/155/EEC)

Commercial product name: Pen-Touch 130

Product No: SAKURA 130

Date: Jan., 24, 2001

Date of revision: Jul.,13, 2002

Producer/supplier: Sakura Color Products Corp.(Producer) / Bruynzeel Sakura bv (supplier).

## 1 Identification of the substance / preparation and of the company / undertaking

### 1.1 Identification of the substance or preparation:

Trade name : Pen-Touch 130

Article number : SAKURA 130

Color : Black, Red, Blue, Green (4 Colors)

### 1.2 Use of the substance/preparation:

Solvent based marker

### 1.3 Company/undertaking identification:

Bruynzeel Sakura bv

Potlodenlaan 3, Postbus 110, Chuo-ku, Osaka, 4600 AC Bergen op Zoom, Holland

Tel: 31-164-21-4478 Fax: 31-164-21-4479

### 1.4 Emergency Telephone (Sakura Color Products Corp.[Japan])

Tel: 81-(0)6-6910-8824 Fax: 81-(0)6-6910-8834

## 2 Composition / information on ingredients

Description:  substance  preparation

Mixture of the substances listed below with harmful additions.

Dangerous components:

EINECS No	CAS No.	Designation	%	Index	R-phrased
215-535-7	1330-20-7	Xylene	52-68	Xn	R10, R20/ 21, R38
203-804-1	110-80-5	2-Ethoxyethanol	0-12	T	R60-61, R10, R20/21/22
201-148-0	78-83-1	2-Methylpropan-1-ol	0-10	Xi	R10, R37/38, R41, R67
203-905-0	111-76-2	2-Butoxyethanol	0-10	Xn	R20/21/22, R36/38
203-685-6	109-59-1	2-Isopropoxyethanol	0-11	Xn	R20/21, R36
204-211-0	117-81-7	bis(2-ethylhexyl) phthalate	0- 3	T	R60-61

## 3 Hazards identification for Ink

Hazard designation : T Toxic, Flammable

May impair fertility. May cause harm to the unborn child. Risk of serious damage to eyes.

Harmful by inhalation and in contact with skin. Irritating to skin. Flammable.

## 4 First-aid measures

Inhalation: If he/she has subjective and objective symptoms, move him/her to a place fresh air, and a consult a doctor.

Eye: Wash the eyes immediately with large amounts of running water for over 15 minutes, and see a doctor for medical advice.

Ingestion: Immediately consult a doctor.  
Skin: Wash with soap and water.

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### 5 Fire-fighting measures

Suitable extinguishing media : In case of fire, use foam or dry chemical powder.

For safety reasons unsuitable extinguishing media: Water

Protective equipment : No special measures required

### 6 Accidental release measure

Person-related safety precautions : Removal of ignition source

Provision of sufficient ventilation/ respiratory protection

Measures for environmental protection : No relevant information found.

Measures for cleaning/collecting : The ink is not spilled so that it soak into the ink reservoir

by normal handling

### 7 Handling and storage

#### 7.1 Handling

Information for safe handling : Keep ventilate while using.

Information about protection against explosions and fires : Keep ignition sources away.

#### 7.2 Storage:

Requirements to be met by storerooms and containers :

Materials to Avoid - High temperature, Fire, Direct rays of the sun, and A Powerful oxidizing agent

#### 7.3 Specific use(s)

-

### 8 Exposure controls and personal protection

#### 8.1 Exposure limit values:

CAS No.	Designation of material	%	OSHA PEL	ACGIH TLV
1330-20-7	Xylene	52-68	TWA 1000ppm	TWA 100ppm, STEL 150ppm
110-80-5	2-Ethoxyethanol	0-12	TWA 200ppm	TWA 5ppm
78-83-1	2-Methylpropan-1-ol	0-10	TWA 100ppm	TWA 50ppm
111-76-2	2-butoxyethanol	0-10	TWA 50ppm	TWA 25ppm
109-59-1	2-Isopropoxyethanol	0-11	-	TWA 25ppm

#### 8.2 Exposure controls:

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

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### 9 Physical and chemical properties for Ink

#### 9.1 General information

appearance:

form : Liquid

color: Same as 1.1(4 colors)

odor: Aromatic odor

#### 9.2 Important health, safety and environmental information

pH: Not applicable

Boiling point / boiling range: No data

Flash point: No data

Flammability (solid, gas): Flammable

Explosive properties: None

Oxidising properties: None

Vapour pressure: No data

Solubility:

water solubility: Insoluble

fat solubility (solvent – oil to be specified): Soluble

Partition coefficient: n-octanol /water: No data

Viscosity: No data

Vapour density: No data

relative density :  $1 < \text{g/cm}^3$  (at 25°C)

Evaporation rate: No data

### 9.3 Other information

Melting point: No data

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## 10 Stability and reactivity

### 10.1 Conditions to avoided

High temperature, Direct sunlight, Fire

### 10.2 Materials to avoided

Strong acid and base

### 10.3 Hazardous decomposition products

No dangerous decomposition products known

## 11 Toxicological information for Ink

Acute toxicity: Harmful by inhalation and in contact with skin.

Chronic toxicity : May impair fertility. May cause harm to the unborn child.

Primary irritant effect:

On the skin: Irritating to skin.

On the eye: Risk of serious damage to eyes.

Sensitization: No sensitizing effect known

## 12 Ecological information

No relevant information found.

## 13 Disposal considerations

Incinerate under safe conditions or dispose of in accordance with local regulations.

Don't burn even when empty.

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### 14 Transport information

GGVsea/IMDG-Code: Not applicable

Page-No.of IMDG-Code: Not applicable

UN-No.: Not applicable

ICAO/IATA-Code: Not applicable

Packing instructions for air flight: Not applicable

GGVE/GGVS(Germany): Not applicable

RID/ADR(EC): Not applicable

Packing group: Not applicable

EmS-No.(Emergency schedule): Not applicable

MFAG-table no: Not applicable

Marking/label: Not applicable

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## 15 Regulatory information for Ink

15.1 Classification, packaging and labeling of dangerous substances and preparations according to EC-Directives.: 1999/45/ EC, 76/769/EEC

Code letter and hazard designation of product: T Toxic, Flammable

Risk phrases: May impair fertility. May cause harm to the unborn child.

Harmful by inhalation and in contact with skin. Flammable

Irritating to skin. Risk of serious damage to eyes.

Safety phrase: Restricted to professional users. Attention – Avoid exposure – obtain special instructions before use.

In case of accident or if you feel unwell, seek medical advice immediately.

(show the label where possible).

Avoid contact with eyes. Wear suitable p gloves and eye/face protection.

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

Product contains: Xylene, 2-Ethoxyethanol, 2-Methylpropan-1-ol, bis(2-ethylhexyl) phthalate

15.2 Further information: No relevant information found.

National regulations: No relevant information found.

Marine pollution class: No relevant information found.

## 16 Other information

< Xylene >

Harmful by inhalation and in contact with skin. Irritating to skin. Flammable.

< 2-Ethoxyethanol >

May impair fertility. May cause harm to the unborn child. Flammable.

Harmful by inhalation, in contact with skin and if swallowed.

< 2-Methylpropan-1-ol l >

Irritating to respiratory system and skin. Flammable.

Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness.

< 2-Butoxyethanol >

Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin.

< 2-Isopropoxyethanol >

Harmful by inhalation and in contact with skin. Irritating to eyes.

< bis(2-ethylhexyl) phthalate >

May impair fertility. May cause harm to the unborn child.

\* This SDS was changed on the basis of Commission Directive 2001/58/EC.

This information herein is given in good faith, but no warranty, expressed or implied is made.