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## SAFETY DATA SHEET according to Regulation (EC) No.1907/2006 (REACH)

Date of issue: 10/Jan/2025

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### 1. Identification of the substance/mixture and of the company/undertaking

#### 【1.1. Product identifier】

Product name: INK for uni PAINT MARKER all color

[Product No.] PX-20, PX-21, PX-30

[INK color] Black/ Shiny gold/ Shiny silver/ Shiny bronze/ Gold/ Silver/ White/ Grey/ Blue  
Red/ Brown/ Yellow/ Orange/ Green/ Light-blue/ Light-green/ Violet/ Pink

#### 【1.2. Relevant identified uses of the substance or mixture and uses advised against】

Recommended Use: Writing instrument

#### 【1.3.Details of the supplier of the safety data sheet】

##### [Manufacturer]

Company name: Mitsubishi Pencil Co., LTD.

Address: 5-23-37, Higashi-Ohi, Shinagawa-ku, Tokyo, Japan

Telephone number: +81-3-3458-6964

FAX: +81-3-3458-3713

##### [Supplier]

Company name: Mitsubishi Pencil Europe SAS

Address: 32 Avenue Pierre Grenier, 92100 Boulogne-Billancourt, France

Telephone number: +33 (0)1 74 34 64 12

### 2. Hazards identification

#### 【2.1.Classification of the substance or mixture】

Classification according to Regulation (EC) No.1272/2008 [CLP]

##### [PHYSICAL AND CHEMICAL HAZARDS]

Flammable liquids: Category 2

##### [HEALTH HAZARDS]

Acute toxicity (Inhalation): Category 4

Skin corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 1

Specific target organ toxicity – repeated exposure: Category 2

##### [ENVIRONMENT HAZARDS]

Hazardous to the aquatic environment (Long-term): Category 2

(Note) GHS classification without description: Not classified/Classification not possible

#### 【2.2.Label elements】

Labelling according to Regulation (EC) No.1272/2008 [CLP]

##### [Pictogram]



[Signal word] Danger

##### [HAZARD STATEMENT]

H225 Highly flammable liquid and vapor

H332 Harmful if inhaled  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H373 May cause damage to organs through prolonged or repeated exposure  
H411 Toxic to aquatic life with long lasting effects

**[PRECAUTIONARY STATEMENT]**

(Prevention)

P273 Avoid release to the environment.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P264 Wash contaminated parts thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

(Response)

P370 + P378 In case of fire: Use appropriate media to extinguish.  
P391 Collect spillage.  
P321 Specific treatment is required.  
P314 Get medical advice/attention if you feel unwell.  
P310 Immediately call a POISON CENTER/doctor/physician.  
P312 Call a POISON CENTER/doctor/physician if you feel unwell.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Storage)

P403 Store in a well-ventilated place. P235 Keep cool.

(Disposal)

P501 Dispose of contents/container in accordance with local/national regulation.

**[2.3.Other hazards]**

The product does not contain any ingredient designated as PBT and/or vPvB.  
The product does not contain any ingredients designated as Endocrine disrupting properties.

**3. Composition/information on ingredients**

**[3.2.Mixture]**

Ingredient name	CAS No.	ECNO	Content (%)
Xylene	1330-20-7	215-535-7	< 60
Ethylbenzene	100-41-4	202-849-4	< 30
Iso-butanol	78-83-1	201-148-0	< 10
Zinc	7440-66-6	231-175-3	< 10

[Components contributing to the hazard]

The product does not contain any ingredients listed in REACH SVHC candidate list.

#### 4. First-aid measures

##### 【4.1.Descriptions of first-aid measures】

###### [IF INHALED]

Remove person to fresh air and keep comfortable for breathing.  
Get immediate medical advice/attention.

###### [IF ON SKIN (or hair)]

Take off immediately all contaminated clothing. Rinse skin with water or shower.  
Wash contaminated clothing before reuse.  
Gently wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.  
If you observe unusual symptom, have irritation/pain and/or feel unwell, seek medical advice.

###### [IF IN EYES]

Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

###### [IF SWALLOWED]

Do NOT induce vomiting.  
Do not give an unconscious person anything to drink.  
Immediately call a POISON CENTER/doctor/physician.

##### 【4.2.Most important symptoms and effects, both acute and delayed】

No data available.

##### 【4.3.Indication of any immediate medical attention and special treatment needed】

No data available.

#### 5. Fire-fighting measures

##### 【5.1.Extinguishing media】

###### [Suitable extinguishing media]

In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

###### [Unsuitable extinguishing media]

No data available.

##### 【5.2.Specific hazards arising from the substance or mixture】

No data available.

##### 【5.3.Advice for firefighters】

Fight fire with normal precautions from a reasonable distance.  
Shut off fuel to fire if possible to do so without hazard.  
Wear appropriate protective equipment.  
Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

#### 6. Accidental release measures

##### 【6.1.Personnel precautions, protective equipment and emergency procedures】

Keep unauthorized personnel away.  
Wear proper protective equipment.  
Stand at upwind. Evacuate personnel at downwind.

##### 【6.2.Environmental precautions】

Prevent spills from entering sewers, watercourses or low areas.

##### 【6.3 Methods and materials for containment and cleaning up】

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.  
Collect spillage.  
Consult an expert on the disposal of recovered material.

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Stop leak if safe to do so.

## 7. Handling and storage

### 【7.1 Precautions for safe handling】

Do not breathe vapors/fume.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid contact with skin and eyes.

Use personal protective equipment as required.

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace.

Take off contaminated clothing and wash it before reuse.

Incompatibilities: No data available.

### 【7.2 Storage】

Keep container tightly closed.

Protect from sunlight. Store in a well-ventilated place.

Keep only in original packaging.

### 【7.2 Storage】

No data available.

## 8. Exposure controls/personal protection

### 【8.1 Control parameters】

[Adopted value]

(Xylene)

ACGIH(2021) TWA: 20ppm (Eye & URT irr; hematologic eff; ototoxicity; CNS impair)

(Ethylbenzene)

ACGIH(2021) TWA: 20ppm

(URT & eye irr; ototoxicity; kidney eff; CNS impair)

(Iso-butanol)

ACGIH(2002) TWA: 50ppm (Skin & eye irr)

### 【8.2 Exposure controls】

[Appropriate engineering controls]

Do not use in areas without adequate ventilation.

[Respiratory protection]

Wear respiratory protection.

[Hand protection]

Wear protective gloves.

[Eye protection]

Wear eye/face protection.

[Skin and body protection]

Wear protective clothing.

## 9. Physical and Chemical Properties

### 【9.1 Information on basic physical and chemical properties】

Physical state	Liquid
Color	Various
Odor	Solvent odor
Odor threshold	No data available.
Melting point/Freezing point	No data available.
Boiling point or initial boiling point	No data available.

	(Iso-butanol)108°C
Boiling range	No data available.
Flammability (gases, liquids and solids)	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	about 22°C
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Self-Accelerating Decomposition Temperature/SADT	No data available.
pH	No data available.
Dynamic viscosity	No data available.
Kinematic viscosity	No data available.
Solubility in water	No data available.
Solubility in solvent	No data available.
n-Octanol/water partition coefficient	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Density and/or relative density	No data available.
Relative vapor density (Air=1)	No data available.
Relative density of the Vapor/air - mixture at 20°C (Air = 1)	No data available.
Particle characteristics	No data available.

**【9.2 Other information】**

No further information

**10. Stability and Reactivity**

**【10.1 Reactivity】**

No data available.

**【10.2 Chemical stability】**

Stable under atmospheric pressure at room temperature.

**【10.3 Possibility of hazardous reactions】**

No data available.

**【10.4 Conditions to avoid】**

See SDS section 7 – Handling and storage.

**【10.5 Incompatible materials】**

No data available.

**【10.6 Hazardous decomposition products】**

No data available.

**11. Toxicological Information**

**【11.1 Information on toxicological effects】**

Acute toxicity (Oral)	>2,000mg/kg (Estimated value)
Acute toxicity (Dermal)	>2,000mg/kg (Estimated value)
Acute toxicity (Inhalation)	10.0 mg/kg < LD50 < 20.0 mg/L (Estimated value)
Skin corrosion/irritation	Ingredients classified as Skin Category 2 Xylene
Serious eye damage/irritation	Ingredients classified as Category 1 Iso-butanol
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT–single exposure	No data available.
STOT–repeated exposure	Ingredients classified as Category 2 Ethylbenzene
Aspiration hazard	No data available.

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**【11.2 Information on other hazards】**

No data available.

**12. Ecological Information**

**【12.1 Ecotoxicity】**

[Hazardous to the aquatic environment (Acute)]

No data available.

[Hazardous to the aquatic environment (Long-term)]

Ingredients classified as Category 1 and their respective M factors

Zinc(M=1)

**【12.2 Persistence and degradability】**

No data available.

**【12.3 Bioaccumulative potential】**

No data available.

**【12.4 Mobility in soil】**

No data available.

**【12.5 Results of PBT and vPvB assessment】**

No data available.

**【12.6 Endocrine disrupting properties】**

No data available.

**【12.7 Other adverse effects】**

No data available.

**13. Disposal considerations**

**【13.1 Waste treatment methods】**

Avoid release to the environment.

Dispose of contents/container in accordance with local/national regulation.

**14. Transport Information**

**【14.1 UN No. or ID No.】**

1263

**【14.2 UN Proper Shipping Name】**

PAINT or PAINT RELATED MATERIAL

**【14.3 Class or division (Transport hazard class)】**

3

**【14.4 Packing group】**

II

**【14.6 Special precautions for user】**

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

**15. Regulatory Information**

**【15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture】**

The product does not contain any ingredients listed in REACH SVHC candidate list.

**【15.2 Chemical safety assessment】**

No chemical safety assessment has been carried out for this product.

**16. Other information**

[Reference Book]

Globally Harmonized System of classification and labelling of chemicals, UN

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Recommendations on the TRANSPORT OF DANGEROUS GOODS 22nd edit., 2021 UN  
IMDG Code, 2022 Edition (Incorporating Amendment 41–22)  
IATA Dangerous Goods Regulations (65th Edition) 2024  
2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)  
2024 TLVs and BEIs. (ACGIH)  
Supplier's data/information

[General Disclaimer]

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 01/12/2023 and Commission delegated regulation (EU) 2023/1435 (ATP20)).