

PRODUCT SAFETY DATA SHEET

COLOR PENCIL "IROJITEN"

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1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: **IROJITEN**
[CI-R]

Application: Color Pencil

Color: 90 colors

Company: **TOMBOW PENCIL CO., LTD.**
Environmental Quality Unit
Toshima 6-10-12 Kita-ku Tokyo, Japan
TEL: +81-3-3912-1308 FAX: +81-3-3912-3451
Urgent mail: webmaster@star.tombow.co.jp

2. HAZARDS IDENTIFICATION

No data

3. COMPOSITION / INFORMATION ON INGREDIENTS

Pencil Barrel:
Wood

Lead:	<u>Chemical name</u>
wt%	
20-25	Wax & Fatty Acid
55	Clay minerals
20	Pigments (TiO ₂ , Azoic Pigments, Phthalocyanine Blue and Carbon Black)
5	Natural Gum
trace	Activating Agent

4. FIRST-AID MEASURES

Inhalations: Move to fresh air area.

Eye contact: Flush thoroughly with water and get prompt medical attention.

Skin contact: Wash with water with soap.

Ingestion: Drink water and vomit by force.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water, Powder, Foam, Carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

It doesn't leak.

7. HANDLING & STORAGE

Handling: Avoid contact with skin and eyes.

Storage: Avoid all sources of ignition-heat, sparks and open flame.
Adequate ventilation and clean up will be maintained.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits (TLVs & BEIs): ACGIH: TLV-TWA 3.5 mg/m³ (Carbon Black)
10 mg/m³ (TiO₂)

Personal protection: Usually special attention will not be needed.

9. PHYSICAL & CHEMICAL PROPERTIES (Lead)

Appearance: Colored Solid

Odor: little

pH: no data

Melting point: about 80°C

Boiling point: no data

Flash point: no data

Explosion limits: no data

Vapor Pressure: no data

Relative density: no data

Solubility: Soluble in Water a little

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions.

Conditions/materials to avoid: Avoid high temperature & high humidity.

Hazardous decomposition products: No data

11. TOXICOLOGICAL INFORMATION (Lead)

Acute Toxicity: Oral / Rat LD₅₀ >15400 mg/kg (Carbon Black)

Oral / Rat TDLo 60 g/kg (TiO₂)

Carcinogenicity: ACGIH A4 (Carbon Black, Talc, TiO₂)

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN No.: none

Class or division: none

15. REGULATORY INFORMATION

No data

16. OTHER INFORMATION

Reference literature: ACGIH, RTECS, CHRIP

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.