

SAFETY DATA SHEET

First Issue: Mar. 20, 2018
Revised Date: Mar. 30, 2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifiers
Product name: MONO PE
Product code: PE-0*A / JCA-262
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
General use: Erase words and pictures written on papers
- 1.3 Details of the supplier of the safety data sheet
Manufacturer: Tombow Pencil Co., Ltd.
Address: 6-10-12, Toshima, Kita-ku, Tokyo 114-8583, Japan
TEL: +81-3-3912-1196
FAX: +81-3-3912-1371
- 1.4 Emergency telephone number
Tombow Pencil Co., Ltd.
TEL: +81-3-3912-1196 (9am – 5:30pm, Japan Time, M-F)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
Not a hazardous substance or mixture according to GHS.
- 2.2 Label elements
The product does not need to be labelled in accordance with GHS.
- 2.3 Other hazards: No data available

SECTION 3: Composition/information on ingredients

- 3.2 Composition
This product is composed of a combination of two components, sleeve and eraser.
Sleeve: Paper
Eraser: The composition is as follows.

Chemical Name	Chemical formula	CAS number	Concentration (wt%)
PVC	-	Trade secret	Trade secret
Calcium carbonate	CaCO ₃	471-34-1	Trade secret
Others	-	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	This product is an eraser, and use is that erase words and pictures written on papers. Avoid any other uses.
Following inhalation:	Remove victim to fresh air.
Following skin contact:	Wash with soap and water.
Following eye contact:	Rinse cautiously with water for several minutes. Get medical advice/attention, if you feel unwell.
Following ingestion:	Rinse mouth. Get medical advice/attention, if you feel unwell.
Self-protective of the first aider:	No data available

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Dry chemical powder, CO ₂ , foam, sands, water spray
Unsuitable extinguishing media:	No data available

5.2 Special hazards arising from the substance or mixture: No data available

5.3 Advice for firefighters: No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel: Avoid contact with eyes. Ensure adequate ventilation.

6.1.2 For emergency responders: No data available

6.2 Environmental precautions: Avoid discharge into water courses or onto the ground.

6.3 Methods and material for containment and cleaning up

6.3.1 For containment: Wipe off with waste cloths.

6.3.2 For cleaning up: Wipe off with waste cloths.

6.3.3 Other information: No data available

6.4 Reference to other sections: No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:	Avoid contact with eyes.
Measures to prevent fire:	Keep away from heat, sparks and open flame.
Measures to prevent aerosol and dust generation:	No data available
Measures to protect the environment:	Avoid discharge into water courses or onto the ground.
Advice on general occupational hygiene:	Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	Avoid high temperature. Keep away from heat, sparks and open flame.
Packaging materials:	This product is composed of a combination of sleeve and eraser, and the sleeve contains the eraser.
Requirements for storage rooms and vessels:	Avoid high temperature. Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

Recommendations:	Erase words and pictures written on papers.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit:	No data available
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8.2 Exposure controls

8.2.1 Appropriate engineering controls: Usually, it is unnecessary.

8.2.2 Personal protective equipment: No data available

8.2.3 Environmental exposure controls: No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance

Physical state:	Solid
Colour:	White

b) Odour: Little

c) Odour threshold: No data available

d) pH: No data available

e) Melting point: No data available

f) Initial boiling point and boiling range: No data available

g) Flash point: No data available

h) Evaporation rate:	No data available
i) Flammability (solid):	No data available
j) Upper/lower flammability or explosive limits:	No data available
k) Vapour pressure:	No data available
l) Vapour density:	No data available
m) Relative density:	No data available
n) Solubility:	No data available
o) Partition coefficient: n-octanol/water:	No data available
p) Auto-ignition temperature:	No data available
q) Decomposition temperature:	No data available
r) Viscosity:	No data available
s) Explosive properties:	No data available
t) Oxidising properties:	No data available
9.2 Other information:	No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity:	Stable usually.
10.2 Chemical stability:	Stable usually.
10.3 Possibility of hazardous reactions:	No data available
10.4 Conditions to avoid:	High temperature
10.5 Incompatible materials:	No data available
10.6 Hazardous decomposition products:	No data available

SECTION 11: Toxicological information

Acute toxicity:	471-34-1:	LD50 Oral - Rat - 6,450 mg/kg [1]
Skin corrosion/Irritation:	471-34-1:	Skin – Rabbit, Result: No skin irritation [1]
Serious eye damage/eye irritation:	471-34-1:	Eyes – Rabbit, Result: Mild eye irritation [1]
Respiratory or skin sensitization:		No data available
Germ cell mutagenicity:		No data available
Carcinogenicity:		
	IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:		No data available
Specific target organ toxicity - single exposure:		No data available
Specific target organ toxicity - repeated exposure:		No data available

Aspiration hazard: No data available

SECTION 12: Ecological information

- 12.1 Toxicity: No data available
- 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:
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
- 12.6 Other adverse effects: No data available

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- 13.1.1 Product / Packaging disposal:
Dispose of contents/container in accordance with local/regional/national/international regulation.
- 13.1.2 Waste treatment-relevant information: No data available
- 13.1.3 Sewage disposal-relevant information: No data available
- 13.1.4 Other disposal recommendations: No data available

SECTION 14: Transport Information

This product is not classified as a hazardous material by United Nations Recommendations on the Transport of Dangerous Goods.

- 14.1 UN number: Not Classified
- 14.2 UN proper shipping name: Not Classified
- 14.3 Transport hazard class: Not Classified
- 14.4 Packing group: Not Classified
- 14.5 Environmental hazards: Not Classified
- 14.6 Special precautions for user: Not Classified

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Observe local/regional/national/international regulation.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Reference: [1] SDS of Sigma-Aldrich

The above information is as of the date of issue, and is based on our present knowledge. However, the information shall not constitute any guarantees for any specific product features, and shall not establish any legally valid contractual relationships.