

SAFETY DATA SHEET

First Issue: Apr. 28, 2016

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

1.1 Product identifiers

Product name: MONO AQUA LIQUID GLUE
Product code: 52180

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Adhesive for Paper

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
Importer: American Tombow, Inc.
Address: 355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024
TEL: +1-678-318-3344
FAX: +1-678-318-3347

1.4 Emergency telephone number

CHEMTREC

United States: 800-424-9300 24 hours everyday

International: +1-703-527-3887 (Collect) 24 hours everyday

Nontransportation

American Tombow, Inc.

TEL: +1-678-318-3344 (9am – 6pm, EST, M-F)

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 29 CFR 1910 (OSHA HCS).

2.2 Label elements

The product does not need to be labelled in accordance with 29 CFR 1910 (OSHA HCS).

2.3 Other hazards: No data available

SECTION 3: Composition/information on ingredients

3.2 Mixtures

This product is composed of a combination of two components, body (article) and glue (mixture).

Body (Article): PP, PE

Glue (Mixture): The glue is a mixture and the composition is as follows.

Chemical Name	Chemical formula	CAS number	Concentration (wt%)
Water	H ₂ O	7732-18-5	86
Polyvinyl alcohol	-	Trade secret	14

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	This product is a glue stick, and use is just an adhesive for paper. 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 skin and 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 skin and 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 skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures and storage conditions: Put the cap. Avoid high temperature. Keep away from heat, sparks and open flame.
- Packaging materials: This product is composed of a combination of body (article) and glue (mixture), and the body contains the mixture.
- Requirements for storage rooms and vessels: Avoid high temperature. Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

- Recommendations: Adhesive for paper.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Occupational exposure limit: No data available

8.2 Exposure controls

- 8.2.1 Appropriate engineering controls: Usually, it's 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:	Liquid
Color:	Light blue
b) Odor:	Little
c) Odor threshold:	No data available
d) pH:	5 - 7
e) Melting point:	-7 °C
f) Initial boiling point and boiling range:	about 100 °C
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) Vapor pressure:	No data available
l) Vapor density:	No data available
m) Relative density:	about 1.3
n) Solubility:	Can be diluted with water.
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:	No data available
Skin corrosion/Irritation:	No data available
Serious eye damage/eye irritation:	No data available
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

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|------|-------------------------------|----------------|
| 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

Federal regulations

OSHA status:	Not a hazardous substance or mixture according to 29 CFR 1910 (OSHA HCS).
TSCA status:	All materials are listed on Inventory.
CERCLA (40 CFR 302):	None
Clean Water Act (40 CFR 116):	None
Clean Air Act Amendments of 1990 (40 CFR 82):	None
SARA Section 302 (40 CFR 355):	None
SARA Section 313 (40 CFR 372):	None
SARA Section 311/312 (40 CFR 370):	None

State regulations

California Safe Drinking Water and Toxics Enforcement Act of 1986 (Proposition 65):

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Massachusetts Right to Know Act:

No components are subject to the Massachusetts Right to Know Act.

New Jersey Worker and Community Right to Know Act:

Water (7732-18-5) is listed.

Pennsylvania Hazardous Substance List:

Water (7732-18-5) is listed.

- 15.2 Chemical Safety Assessment

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

SECTION 16: Other information

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.