

SAFETY DATA SHEET**GLUE "AQUA PIT"**No.E100210-2(2)
Print date: 10/Feb/2010**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Product Name: **AQUA PIT**
[PT-WT, PR-WT]

Category: Glues

Company: **TOMBOW PENCIL CO., LTD.**
Environmental Group
Toshima 6-10-12 Kita-ku Tokyo, Japan
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2. HAZARDS IDENTIFICATION

Insufficient data

3. COMPOSITION / INFORMATION ON INGREDIENTS

Body & Cap:
PE, PP, Silicone Rubber

Glue:

<u>wt%</u>	<u>Chemical name</u>
86	Water
14	Polyvinyl alcohol
0.3	Ethylene glycol
trace	Additive

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.

Ingestion: Drink water and vomit by force.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Ensure adequate ventilation.

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

Methods for cleaning up: Carefully wipe with a waste cloth.

7. HANDLING & STORAGE

Handling: Avoid contact with skin and eyes. Ensure adequate ventilation.

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: ACGIH STEL Ceiling; 100mg/m³(H) (Ethylene glycol)

Personal protection: Usually special attention will not be needed.

9. PHYSICAL & CHEMICAL PROPERTIES (Glue)

Appearance: light blue viscous liquid

Odor: little

pH: 5-7

Melting point: about -7°C

Boiling point: about 100°C

Flash point: NA

Explosion limits: NA

Vapor Pressure: no data

Relative density: about 1.3

Solubility: Can be diluted with water.

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 (Glue)

Acute Toxicity: Oral / Rat LD₅₀ >20g/kg (Polyvinyl alcohol)

Carcinogenesis: ACGIH A4 (Ethylene glycol)

12. ECOLOGICAL INFORMATION

Not Found.

13. DISPOSAL CONSIDERATION

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN No.: none

Class or division: none

15. REGULATORY INFORMATION

Please follow all regulations in your country.

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.
