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**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  
TEL: +81-3-3912-1308 FAX: +81-3-3912-1371  
Urgent mail: webmaster@star.tombow.co.jp

**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. ACCIDENTIAL 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.

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## 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.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: ACGIH STEL Ceiling; 100mg/m<sup>3</sup>(H) (Ethylene glycol)

Personal protection: Usually special attention will not be needed.

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## 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.

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## 10. STABILITY & REACTIVITY

Stability: Stable under normal conditions.

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

Hazardous decomposition products: No data

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## 11. TOXICOLOGICAL INFORMATION (Glue)

Acute Toxicity: Oral / Rat LD<sub>50</sub> >20g/kg (Polyvinyl alcohol)

Carcinogenesis: ACGIH A4 (Ethylene glycol)

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## 12. ECOLOGICAL INFORMATION

Not Found.

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## 13. DISPOSAL CONSIDERATION

Disposal must be made according to official regulations.

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## 14. TRANSPORT INFORMATION

UN No.: none

Class or division: none

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**15. REGULATORY INFORMATION**

Please follow all regulations in your country.

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**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.

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