

Item # UNV 75749

**PRODUCT SAFETY DATA SHEET**CHEMICAL PRODUCT & COMPANY IDENTIFICATION COMPANY **TOMBOW PENCIL CO., LTD.**

DOMICILE TOSHIMA 6-10-12 KITAKU TOKYO JAPAN

DEPARTMENT ENVIRONMENTAL IMPACT QUALITY UNIT

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(WRITTEN October 07 02 )

**CHEMICAL PRODUCT**

Adhesive Glue Stick Pit Hi-Power (PT-GF;NP;TP)

**COMPOSITION / INFORMATION ON INGREDIENTS****Glue**

Solvent : Water 60.0%

Glycerin 10.0%

Ethylene Glycol 2.0%

Adhesives : Poly vinyl pyrrolidone 20.9%

Additives : Soaps 6.0%

Sodium Carbonate 1.0%

Silicone Oil 0.1%

Perfumery trace

**Body&Cap**

PP resine ( Recycled )

**HAZARDS IDENTIFICATION** Attention with Endocrine Effector ( Solvent )**FIRST-AID MEASURES** Inhalations Move to fresh air areaEyes Flush thoroughly with water and get  
prompt medical attention

Skin Wash with water with soap

Ingestion Vomit by force. Drink water .

**FIRE-FIGHTING MEASURES**

Fighting with much Water

**HANDLING & STORAGE**

Avoid all sources of ignition-heat, sparks open flame.

Adequate ventilation and clean up will be maintained

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**EXPOSURE CONTROLS / PERSONAL PROTECTION**

TLVs TLV-STEL 100mg/m<sup>3</sup> (ACGIH)  
(Ethylene Glycol)

Protection Avoid high temperature.

**PHYSICAL & CHEMICAL PROPERTIES**

PROPERTIES Bp: about 260° Vapor Pressure: about 21mHg°25°

Mp: about 58° Density: 1.10(Glue)  
1.1(Body&Cap)

pH 9.0

Solubility Any Portion in Water

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STABILITY Flash Point: 160° Ignition Point: above 160°

REACTIVITY Flamability: Flamable ( Body&Cap )

Oxidation: Partialy Spontaneous Explosion: None

Powder Explosion : None Stability, Reactionability: Stable

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**TOXICOLOGICAL INFORMATION**

Acute Toxicity LD50 4700mg/Kg(Rat) (Ethylene Glycol)

Attention with Endocrine Disrupters(Glue)

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**ECOLOGICAL INFORMATION**

Stable but patialy disorganized by bacteria

**DISPOSAL CONSIDERATION**

Don't Put Into the Flame

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**TRANSPORT INFORMATION**

Avoid High Temperature

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REGULATORY INFORMATION

Free from toxic metals of EN-71 part 3.

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OTHER INFORMATION

ACGIH, NTP, IARC, RTECS, PRTR Law(Japan)

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