MATERIAL SAFETY DATA SHEET

Pentel of America, Ltd. 2805 Columbia St. Torrance, CA 90509 310-320-3831 (information) 800-421-1419 (emergency)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAMES:

PENTEL BK95 IMPULSE FINE TIP (REFILL BKL97)

PENTEL BK96 IMPULSE MEDIUM TIP (REFILL BKL910)

PRODUCT SIZES:

0.3 Gram fill; 0.7 & 1.0 mm Tips

PRODUCT CLASS:

BALL POINT PEN

SECTION II - HAZARDOUS INGREDIENTS

None

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING PT: N/A MELTING PT:

N/A VAPOR PRESSURE:

N/A

SPECIFIC VAPOR DENSITY (AIR=1):

N/A SPECIFIC GRAVITY:

N/A

SOLUBILITY IN WATER:

N/A REACTIVITY

REACTIVITY IN WATER: NON-REACTIVE

APPEARANCE AND ODOR:

MARKER

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD):

N/A

AUTOIGNITION TEMPERATURE:

N/A

EXPLOSION LIMITS IN AIR (% VOL):

NOT EXPLOSIVE

EXTINGUISHING MEDIA:

NO SPECIAL MEDIA REQUIRED

FIRE FIGHTING PROCEDURES:

NONE REQUIRED

UNUSUAL FIRE & EXPLOSION HAZARDS:

NOT COMBUSTIBLE

SECTION V - PHYSICAL HAZARDS/REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS:

NONE

STABILITY: STABLE CONDITIONS TO AVOID:

NONE

INCOMPATIBILITY (MATERIALS TO AVOID):

NONE

HAZARDOUS DECOMPOSITION PRODUCTS:

NONE

SECTION VI - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION II FOR COMPONENT PEL/TLVs

PRIMARY ROUTES OF ENTRY:

EYE, SKIN, and INGESTION

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE:

NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING:

NTP: NO IARC: NO OSHA: NO

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS

PRODUCT:

NONE

FIRST AID MEASURES:

NONE REQUIRED.

NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION VII - SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING:

NONE REQUIRED.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED:

NONE REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION & SPECIAL VENTILATION REQUIREMENTS:

NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC):

NONE REQUIRED

WORK/HYGIENE PRACTICES:

NONE REQUIRED

SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY

SECTION X – COLOR INFORMATION

THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS:

<u>Product Color</u> <u>Hazardo</u>	us Ingredient
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BLACK

none

RED

none

BLUE

none

Form Completed by:

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Duke University May 5, 2005