

02/10/2003

**MATERIAL SAFETY DATA SHEET**

MANUFACTURER OR DISTRIBUTOR: Pentel of America, Ltd.  
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Torrance, CA 90509

INFORMATION TELEPHONE NUMBER: 310-320-3831

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**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAMES: PENTEL K108 METALLIC GEL ROLLER  
PENTEL K230 METALLIC GEL GRIP DX  
PENTEL K908 SUNBURST METALLIC GEL

PRODUCT SIZES: 0.8 & 1.2 GRAMS

PRODUCT CLASS: ROLLER BALL INK

**SECTION II - HAZARDOUS INGREDIENTS**

None

**SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT:	N/A	MELTING POINT:	N/A
VAPOR PRESSURE:	N/A	SPECIFIC GRAVITY:	N/A
SPECIFIC VAPOR DENSITY (AIR=1):	N/A	REACTIVITY IN WATER:	NON-REACTIVE
SOLUBILITY IN WATER:	N/A		

**SECTION IV - FIRE AND EXPLOSION INFORMATION**

FLASH POINT (METHOD):	N/A
EXPLOSION LIMITS IN AIR (% BY VOLUME):	NOT EXPLOSIVE
EXTINGUISHING MEDIA:	NO SPECIAL MEDIA REQUIRED
FIRE FIGHTING PROCEDURES:	NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
UNUSUAL FIRE & EXPLOSION HAZARDS:	NOT COMBUSTIBLE
AUTOIGNITION TEMPERATURE:	N/A

**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: NOOSHA: 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:	NO SPECIAL STEPS REQUIRED.
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.	

## SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION AND 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:

### Product Color

### Hazardous Ingredient

MB-METALLIC RED	none
MC-METALLIC BLUE	none
MD-METALLIC GREEN	none
ME-BRONZE	none
MP-METALLIC PINK	none
MV-METALLIC VIOLET	none
X-GOLD	none
Z-SILVER	none

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Form Completed by:	Woodhall Stopford, MD, MSPH
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