

01/15/2002

MATERIAL SAFETY DATA SHEET

MANUFACTURER OR DISTRIBUTOR: Pentel of America, Ltd.
2805 Columbia St.
Torrance, CA 90509
INFORMATION TELEPHONE NUMBER: 310-320-3831
EMERGENCY TELEPHONE NUMBER: 800-421-1419

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: PENTEL METALLIC BRUSH
PRODUCT NUMBER: GFH
PRODUCT SIZES: 16.1 GRAMS
PRODUCT CLASS: BRUSH TIP MARKER

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS #	PEL/TLV (MG/ M ³)	MAX WT %	NTP	IARC
HYDROGEN GAS RELEASE		N/A	3.66	N	N

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

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

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: 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

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: NO SPECIAL PRECAUTIONS REQUIRED.
STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES 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: REACTS WITH WATER TO RELEASE FLAMMABLE HYDROGEN GAS

SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY

SECTION X - COLOR INFORMATION

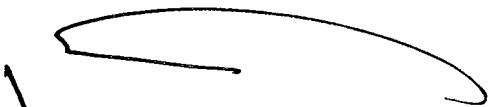
THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS:

Product Color

MB-METALLIC RED
MC-METALLIC BLUE
MD-METALLIC GREEN
ME-BRONZE
MK-METALLIC LIGHT GREEN
MV-METALLIC VIOLET
X-GOLD
Z-SILVER

Hazardous Ingredient

Hydrogen Gas Release
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Form Completed by: Woodhall Stopford, MD, MSPH
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