

MATERIAL SAFETY DATA SHEET

MANUFACTURER OR DISTRIBUTOR: Pentel of America, Ltd.
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INFORMATION TELEPHONE NUMBER: 310-320-3831

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----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT NAME: SIGN PEN PRODUCT NO. S520-12, NS 167

PRODUCT SIZES: 2.5GR

PRODUCT CLASS: WATER COLOR MARKER

----- SECTION II - HAZARDOUS INGREDIENTS -----

| INGREDIENT | CAS# | PEL/TLV (MG/M3) | MAX %WEIGHT | NTP | IARC |
|------------|------|--------------------|----------------|-----|------|
| None | | | | | |

----- 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

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COMPANY: Pentel of America, Ltd. PRODUCT: S520-12
BRAND NAME: SIGN PEN

----- SECTION VI - HEALTH HAZARD DATA -----

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs

PRIMARY ROUTES OF ENTRY: EYE, SKIN, 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.

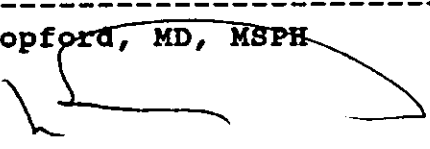
STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL
PROCEDURES REQUIRED.

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: NONE REQUIRED

Form Completed by: Woodhall Stopford, MD, MSPH
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