

GILLETTE MEDICAL EVALUATION LABS -- LIQUID PAPER CORRECTION PEN (LPCF-13)
MATERIAL SAFETY DATA SHEET
NSN: 751000N051227
Manufacturer's CAGE: 9A977
Part No. Indicator: A
Part Number/Trade Name: LIQUID PAPER CORRECTION PEN (LPCF-13)

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General Information
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Company's Name: GILLETTE MEDICAL EVALUATION LABS
Company's Street: 401 PROFESSIONAL DR
Company's City: GAITHERSBURG
Company's State: MD
Company's Country: US
Company's Zip Code: 20879
Company's Emerg Ph #: 301-590-9781
Company's Info Ph #: 301-590-9781
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 12JAN93
Safety Data Review Date: 04AUG94
MSDS Serial Number: BVFBN
Hazard Characteristic Code: NK

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: CYCLOHEXANE, METHYL-; (METHYLCYCLOHEXANE)
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: GV6125000
CAS Number: 108-87-2
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM

Proprietary: NO
Ingredient: TITANIUM OXIDE; (TITANIUM DIOXIDE)
Ingredient Sequence Number: 02
NIOSH (RTECS) Number: XR2275000
CAS Number: 13463-67-7
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Proprietary: NO
Ingredient: ISOTHIOCYANIC ACID, ALLYL ESTER; (MUSTARD OIL)
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: NX8225000
CAS Number: 57-06-7
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: RESIN
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: 1000250RE
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: COLORANT(S)
Ingredient Sequence Number: 05
NIOSH (RTECS) Number: 1001827CO
OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: DISPERSAL AGENT; (DISPERSANT)
Ingredient Sequence Number: 06
NIOSH (RTECS) Number: 1009165DA
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Physical/Chemical Characteristics

Appearance And Odor: WHITE FLUID WITH A PUNGENT ODOR
Boiling Point: 212F,100C
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): 83@100F
Vapor Density (Air=1): 3.4
Specific Gravity: 1.2(H*20=1)
Evaporation Rate And Ref: >1(BUTYL ACETATE=1)
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: 50
pH: N/A

Fire and Explosion Hazard Data

Flash Point: 22.0F,-5.6C
Flash Point Method: CC
Lower Explosive Limit: 1.2%
Upper Explosive Limit: 6.7%
Extinguishing Media: DRY CHEMICAL, FOAM, CARBON DIOXIDE.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). COOL FIRE-EXPOSED CONTAINERS W/WATER FOG/SPRAY.
Unusual Fire And Expl Hazrds: PRODUCT IS FLAMMABLE. MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): AVOID CONT W/OPENFLAME/OTHER IGNITION SOURCES.
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomp Products: THERMAL DEGRADATION MAY PRODUCE OXIDES OF CARBON AND NITROGEN AND VARIOUS HYDROCARBONS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL: ADVERSE EFTS ANTIC FROM NOR USE. IF VAPS ARE DELIB CONC & INHALED (ABUSE), FOLLOW SYMPS MAY OCCUR: RESP IRRIT, DIZZ, DROW, HDCH, NAUS, UNCON, CONVULS, CARDIAC SENSIT, COMA & DEATH. (MUSTARD OIL IS ADDED TO PROD AS AN ABUSE DETERRENT). INGEST: NO ADVERSE EFTS ANTIC FROM NORM USE. DPNDG ON AMT (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ:INGESTED, MOST OF SYMPS DESCRIBED MAY OCCUR. SKIN: NO ADVERSE EFTS ANTIC FROM NORM USE. IRRIT MAY OCCUR IF CONT IS PRLNGD/RPTD. SKIN ABSORP: NO ADVERSE EFTS ANTIC FROM NORM USE. SOLV CAN

BE ABSORBED THRU SKIN (PRLNGD CONT), BUT NOT LIKELY IN ACUTELY TOX AMTS.
EYES: IF SPLASHED INTO EYES, IRRIT CAN OCCUR.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYES: FLUSH W/PLENTY OF WATER FOR @ LST 15 MIN.
REMOVE FROM SOURCE OF EXPOS. TREAT SYMPTOMATICALLY. OXYGEN MAY BE
CONSULT PHYS. NOTES TO PHYS: CNTNS METHYLCYCLOHEXANE WHICH, IF ASPIRATED,
MAY CAUSE CHEM PNEUM. INHAL OF CONC VAPS MAY PRDCE CARDIAC (SUPDAT)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PICK UP SPILLS W/TOWELS, TISSUES, ETC.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE I/A/W APPLICABLE FEDERAL, STATE AND LOCAL
LAWS.
Precautions-Handling/Storing: NO UNUSUAL HNDLG/STOR WHEN USED AS DIRECTED;
WHEN STORED IN LG QTY (AS IN WAREHOUSE), IT SHOULD BE IN A WELL-VENTD,
COOL, AREA AWAY FROM IGNIT SOURCE.
Other Precautions: PRODUCT IS FLAMMABLE. PRODUCT IS NON-HAZARDOUS WHEN
USED AS DIRECTED IN AN OFFICE/ROOM WITH NORMAL AIR CIRCULATION.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN (FP N).
Ventilation: NONE UNDER NORMAL USE CONDITIONS.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPRVD CHEM WORKS GOGGS (FP N).
Other Protective Equipment: NONE UNDER NORMAL USE CONDITIONS.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: FIRST AID PROC: SENSITIZATION,
CONTRAINdicATING THE USE OF SYMPATHOMIMETIC AGENTS.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 04AUG94
Label Date: 16MAY94
Label Status: G
Common Name: LIQUID PAPER CORRECTION PEN(LPCF-13)
Chronic Hazard: NO
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMM. ACUTE: PRODUCT IS NON-HAZARDOUS WHEN
RESPIRATORY IRRITATION, DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, UNCON,
CONVULSIONS, CARDIAC SENSITIZATION, COMA & DEATH. (MUSTARD OIL IS ADDED TO
PRODUCT AS ABUSE DETERRENT). INGEST: DEPENDING ON AMOUNT INGESTED, MOST OF
SYMPTOMS DESCRIBED MAY OCCUR. SKIN: IRRITATION MAY OCCUR IF CONTACT IS
PRLNG/RPTD. SOLV CAN BE ABSORBED THRU SKIN (PRLNG CNTCT), BUT NOT LIKELY IN
ACUTELY TOX AMTS. CONTAINS METHYLCYCLOHEXANE WHICH, IF ASPIR, MAY CAUSE
CHEM PNEUM. INHAL OF CONC VAPS MAY PRDCE CARDIAC SENSIT. CHRONIC: NONE
SPECIFIED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y

Label Name: GILLETTE MEDICAL EVALUATION LABS
Label Street: 401 PROFESSIONAL DR
Label City: GAITHERSBURG
Label State: MD
Label Zip Code: 20879
Label Country: US
Label Emergency Number: 301-590-9781

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