



Chemical Name: Liquid Paper

Manufacturer: Sanford

Container Size: 22 ml

Location: VLA

Disposal: Place empty container in trash.

GILLETTE MEDICAL EVALUATION LABORATORIES -- LIQUID PAPER
CORRECTION FLUID (COLORS, LPCF-17)

MATERIAL SAFETY DATA SHEET

NSN: 751000N063192

Manufacturer's CAGE: 9A977

Part No. Indicator: A

Part Number/Trade Name: LIQUID PAPER CORRECTION FLUID
(COLORS, LPCF-17)

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General Information

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Company's Name: GILLETTE MEDICAL EVALUATION LABORATORIES

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: 05JAN95

Safety Data Review Date: 05SEP95

MSDS Serial Number: BZBKQ

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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: NAPHTHA, HEAVY ALKYLATE; (MINERAL SPIRITS)

Ingredient Sequence Number: 03

NIOSH (RTECS) Number: 1003051NA

CAS Number: 64741-65-7

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

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: DISPERSANT

Ingredient Sequence Number: 05

NIOSH (RTECS) Number: 1006541DP

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: COLORANT
Ingredient Sequence Number: 06
NIOSH (RTECS) Number: 1001827CO
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: ISOTHIOCYANIC ACID, ALLYL ESTER; (MUSTARD OIL)
Ingredient Sequence Number: 07
NIOSH (RTECS) Number: NX8225000
CAS Number: 57-06-7
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: FRAGRANCE; (MASKING FRAGRANCE)
Ingredient Sequence Number: 08
NIOSH (RTECS) Number: 1002064FR
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics
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Appearance And Odor: COLORED FLUID, WITH A PUNGENT SOLVENT
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: 1.3 (H*2O=1)
Evaporation Rate And Ref: >1 (BUTYL ACETATE=1)
Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: 40

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Fire and Explosion Hazard Data

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Flash Point: 25.0F, -3.9C

Flash Point Method: CC

Lower Explosive Limit: 1.2%

Upper Explosive Limit: 6.7%

Extinguishing Media: USE DRY CHEMICAL, FOAM, CARBON DIOXIDE.

Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA &
FULL

PROTECTIVE EQUIPMENT (FP N). COOL FIRE-EXPOSED
CONTAINERS WITH WATER FOG/
SPRAY.

Unusual Fire And Expl Hazrds: PRODUCT IS FLAMMABLE. MAY
PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): PRODUCT IS FLAMMABLE. AVOID CONTACT
WITH OPEN

FLAME OR OTHER IGNITION SOURCES.

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomp Products: THERMAL DECOMPOSITION MAY
PRODUCE OXIDES OF

CARBON AND NITROGEN AND VARIOUS HYDROCARBONS.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data
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LD50-LC50 Mixture: LD50 (ORAL RAT): > 5 ML/KG.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE: INHAL: NO ADVERSE EFTS
ANTICIPATED

FROM NORM USE. IF VAPS ARE DELIBERATELY CONC & INHALED
(ABUSE), THE

FOLLOWING SYMP MAY OCCUR: RESP IRRIT, DIZZ, DROW, HDCH,
NAUS, UNCON,

CONVULSIONS, CARD SENSIT, COMA & DEATH. (MUSTARD OIL IS
ADDED TO PROD AS

ABUSE DETERRENT). INGEST: NO ADVERSE EFTS (EFTS OF
OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: HLTH HAZ: ANTICIPATED FROM NORM
USE. DEPENDING

ON AMT INGESTED, MOST OF THE SYMP DESCRIBED ABOVE MAY
OCCUR. ASPIR MAY RSLT

IN CHEM PNEUMIT. SKIN CONT: NO ADVERSE EFTS ANTICIPATED
FROM NORM USE.

IRRIT MAY OCCUR IF CONT IS PRLNG/RPTD. SKIN ABSORPTION: NO
ADVERSE EFTS

ANTICIPATED FROM NORM USE. SOLV CAN BE (SUP DAT)

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES: FLUSH W/PLENTY OF WATER FOR AT
LEAST 15

IN AN ABUSE SITUATION, REMOVE FROM SOURCE OF EXPOS.

TREAT SYMPTOMATICALLY.
OXYGEN MAY BE ADMIN. SEEK MED ATTN IMMED & REFER TO
"NOTES TO MD" BELOW.
INGEST: CONSULT MD. NOTES TO MD: CONTAINS
METHYLCYCLOHEXANE & MINERAL
SPIRITS WHICH, IF ASPIR, MAY CAUSE CHEM PNEUMIT. (SUP DAT)

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: PICK UP SPILLS WITH TOWELS, TISSUES,
ETC.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL,
STATE & FEDERAL
REGULATIONS.

Precautions-Handling/Storing: PRODUCT IS FLAMMABLE. NO UNUSUAL
HANDLING OR
STORAGE WHEN USED AS DIRECTED.

Other Precautions: WHEN STORED IN LARGE QUANTITIES (AS IN
WAREHOUSE), IT
SHOULD BE IN WELL-VENTILATED, COOL AREA, AWAY FROM
IGNITION SOURCES.

PRODUCT IS NON-HAZARDOUS WHEN USED AS DIRECTED IN AN
OFFICE/ROOM WITH
NORMAL AIR CIRCULATION.

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Control Measures

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Respiratory Protection: NONE UNDER NORMAL USE CONDITIONS. USE
NIOSH/MSHA
APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF

CONCERN (FP N).

Ventilation: NONE UNDER NORMAL USE CONDITIONS.

Protective Gloves: NONE UNDER NORMAL USE CONDITIONS.

Eye Protection: NONE UNDER NORMAL USE CONDITIONS.

Other Protective Equipment: EMERGENCY EYEWASH & DELUGE
SHOWER MEETING ANSI

DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: EFTS OF OVEREXP: ABSORBED THRU
SKIN (PRLNG

NONE SPECIFIED BY MANUFACTURER. FIRST AID PROC: INHAL OF
CONC VAPS MAY

PRODUCE CARD SENSIT, CONTRAINDICATING USE OF
SYMPATHOMIMETIC AGENTS.

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 05SEP95

Label Date: 05SEP95

Label Status: G

Common Name: LIQUID PAPER CORRECTION FLUID (COLORS, LPCF-
17)

Chronic Hazard: NO

Signal Word: DANGER!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: FLAMMABLE. ACUTE: INHALATION: NO ADVERSE

EFFECTS ANTICIPATED FROM NORMAL USE. IF VAPORS ARE DELIBERATELY

RESPIRATORY IRRITATION, DIZZINESS, DROWSINESS, HEADACHE, NAUSEA,

UNCONSCIOUSNESS, CONVULSIONS, CARDIAC SENSITIZATION, COMA AND DEATH.

(MUSTARD OIL IS ADDED TO THE PRODUCT AS ABUSE

DETERRENT). INGESTION: NO

ADVERSE EFFECTS EXPECTED FROM NORMAL USE. IF INGESTED, THE SYMPTOMS

DESCRIBED ABOVE MAY OCCUR. ASPIRATION HAZARD. SKIN: IRRITATION ON PROLONGED

CONTACT. EYES: IRRITATION CAN OCCUR ON CONTACT. CHRONIC: NONE SPECIFIED BY

MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: GILLETTE MEDICAL EVALUATION LABORATORIES

Label Street: 401 PROFESSIONAL DR

Label City: GAITHERSBURG

Label State: MD

Label Zip Code: 20879

Label Country: US

Label Emergency Number: 301-590-9781