

Liquid Light VC® Photographic Emulsion

ROCKLAND COLLOID CORP.-- LIQUID LIGHT VC PHOTOGRAPHIC EMULSION

MATERIAL SAFETY DATA SHEET

Trade Name: LIQUID LIGHTVC® EMULSION

Item Name: VARIABLE CONTRAST PHOTOGRAPHIC EMULSION

General Information

Company's Name: ROCKLAND COLLOID CORP.

Company's City: PIERMONT

Company's State: NY

Company's Country: US

Company's Zip Code: 10968

Company's Emerg Ph #: 845 359-5559

Company's Info Ph #: 845 359-5559

Date MSDS Prepared: 01JAN96

Safety Data Review Date: 14JUN99

Ingredients/Identity Information

Proprietary: NO

Ingredient: SILVER HALIDES CONSISTING OF INGREDIENTS 2,3 & 4.

Ingredient Sequence Number: 01

Percent: 20

NIOSH (RTECS) Number: 1006800SH

CAS Number: 7783-96-2

OSHA PEL: N/A

ACGIH TLV: N/A

Proprietary: NO

Ingredient: SILVER BROMIDE

Ingredient Sequence Number: 02

Percent: 5

NIOSH (RTECS) Number: 1006301SB

CAS Number: 7785-23-1

OSHA PEL: N/A

ACGIN TLV: N/A

Proprietary: NO

Ingredient: SILVER CHLORIDE

Ingredient Sequence Number: 03

Percent: 5

NIOSH (RTECS) Number: VW3563000

CAS Number: 7783-90-6

OSHA PEL: N/A

ACGIH TLV: N/A

Proprietary: NO

Ingredient: GELATIN

Ingredient Sequence Number 04

Percent: 10

CAS Number: 9000-70-8

OSHA PEL: N/A

ACGIN TLV: N/A

Proprietary: NO

Ingredient: CADMIUM CHLORIDE (SARA III)

Ingredient Sequence Number: 05
Percent: TRACE
NIOSH (RTECS) Number: EV0178000
CAS Number: 7790-78-5
OSHA PEL: 0.2MG/CUM CADMIUM
ACGIH TLV: 0.01 MG/CUM

Proprietary: NO
Ingredient: WATER
Percent: <95
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
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Physical/Chemical Characteristics
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Appearance And Odor: WHITE GEL. NO ODOR.
Boiling Point: 100C
Melting Point: 80C
Vapor Pressure (MM Hg/70 F): 23.5mm
Vapor Density: <1
Specific Gravity: >1
Evaporation Rate And Ref: (BUAC=1) <1
Solubility In Water: SOLUBLE IN WARM WATER.
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Fire and Explosion Hazard Data
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Flash Point: N/A
Extinguishing Media: WATER MIST, ALCOHOL FOAM, CO*2, DRY CHEMICAL.
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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): EXPOSURE TO HEAT, LIGHT & OTHER RADIATION
SOURCES EXCEPT AS NECESSARY IN PROCESSING.
Hazardous Decomp Products: NONE.
Hazardous Poly Occur: NO
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Health Hazard Data
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Inhalation: IF SPRAYED, PROTECT AGAINST AEROSOL VAPORS.
Skin: MILD IRRITANT.
Ingestion: SLIGHTLY TOXIC.
Health Hazards Acute And Chronic: THIS PRODUCT CONTAINS TRACE AMOUNTS OF
CADMIUM SALT THAT MAY CAUSE LOCALIZED IRRITATION.
Emergency/First Aid Procedures: INHALATION: REMOVE SUBJECT TO FRESH AIR, GIVE
OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. EYE CONTACT: FLUSH EYES WITH PLENTY
OF WATER FOR AT LEAST 15 MINUTS. IF EYE IRRITATION PERSISTS, SEEK MEDICAL
ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH CONTACT AREA
WITH WATER (WARM WATER IF AVAILABLE). IF SKIN IRRITATION PERSISTS, SEEK MEDICAL
ATTENTION. INGESTION: IF APPRECIABLE QUANTITIES ARE SWALLOWED, CALL A PHYSICIAN
OR POISON CONTROL CENTER.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: MOP UP WITH WARM OR HOT WATER. SAVE FOR DISPOSAL.
FLUSH AREA WITH WARM WATER.
Waste Disposal Method: DISPOSAL SHOULD BE MADE IN CONFORMANCE
WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: STORE IN COOL, DRY PLACE AWAY FROM HEAT,

RADIATION OR LIGHT SOURCES.

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Control Measures
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Respiratory Protection: NOT APPLICABLE UNLESS APPLYING BY SPRAY, WHERE CHEMICAL MIST PROTECTION IS REQUIRED.

Ventilation: ROOM VENTILATION UNLESS APPLYING BY SPRAY, WHERE FUME HOOD OR OTHER MEANS OF LOCALIZED AIR-EXTRACTION IS REQUIRED.

Protective Gloves: DISPOSABLE RUBBER OR PLASTIC GLOVES RECOMMENDED.

Protective Clothing: WEAR CLOTHING TO LIMIT SKIN CONTACT. A SAFETY SHOWER AND EYE WASH FACILITY SHOULD BE AVAILABLE.

Eye Protection: CHEMICAL WORKERS GOGGLES.

Work Hygienic Practices: WASH HANDS AFTER HANDLING.

Suppl. Safety & Health Data: ESSENTIALLY INSOLUBLE IN WATER AT ROOM TEMP BECAUSE OF GELATIN CONTENT, EXCEPT FOR TRACE COMPONENTS. SOLUBLE IN WATER WARM ENOUGH TO MELT GELATIN (ABOVE 80C OR 100F).

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Transportation Data
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Trans Data Review Date: 14JUN99

DOT Hazard Class: NOT REGULATED

DOT Shipping Name: N/A

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Label Data
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Label Required: YES

Technical Review Date: 14JUN99

Label Status: G

Common Name: PHOTOGRAPHIC EMULSION

Chronic Hazard: NO

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: AVOID HEAT, LIGHT AND OTHER RADIATION SOURCES. MAY CAUSE EYE/SKIN IRRITATION-- AVOID CONTACT WITH EYES/SKIN/CLOTHING.

Label Name: ROCKLAND COLLOID CORP.

Label Emergency Number: 845-359-5559