

Polytoner® Color Toner (3)

ROCKLAND COLLOID CORP.-- Polytoner TONER, PART 3 (COLOR COUPLERS)
MATERIAL SAFETY DATA SHEET
Trade Name: Polytoner® TONER (PART 3 OF 3)

General Information

Company's Name: ROCKLAND COLLOID CORP.
Company's Town: Piermont
Company's State: NY
Company's Zip Code: 10968
Company's Country: U.S.A.
Company's Emerg Ph #: 845 359-5559
Date MSDS Prepared: 01JAN96
Safety Data Review Date: 14JUN99
Unit Of Issue Container Qty: 20CC
Type Of Container: 3 PLASTIC BOTTLES

Ingredients/Identity Information

Proprietary: NO
Designation: RED COUPLER
Ingredient: 4-NITROPHENYLACETRONITRILE
Ingredient Sequence Number: 01
Percent: 10
NIOSH (RTECS) Number: N/A
CAS Number: 555-21-5

Proprietary: NO
Designation: YELLOW COUPLER
Ingredient: P-CHLOROACETOACETANILIDE
Ingredient Sequence Number: 02
Percent: 10
NIOSH (RTECS) Number: N/A
CAS Number: 101-92-8

Proprietary: NO
Designation: BLUE COUPLER
Ingredient: 2,4 DICHLORO 1-NAPHTHOL
Ingredient Sequence Number: 03
Percent: 10
NIOSH (RTECS) Number: N/A
CAS Number: 2050-76-2

Proprietary: NO
Ingredient: 2-BUTANONE (METHYL ETHYL KETONE) (MEK)
Ingredient Sequence Number: 04
Percent: 90
NIOSH (RTECS) Number: EL6475000
CAS Number: 78-93-3
OSHA PEL: 200 PPM
ACGIH TLV: 590 MG/CUM
Other Recommended Limit: 590 MG/CUM

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS LIQUID W/ACETONE-LIKE ODOR.

Boiling Point: 174.6F
Vapor Pressure (MM Hg/70 F): 78
Vapor Density (Air=1): 2.5
Specific Gravity: 0.8064
Evaporation Rate And Ref: (BU AC = 1): 5.7
Solubility In Water: APPRECIABLE
Percent Volatiles By Volume: 100

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Fire and Explosion Hazard Data
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Flash Point: 20F
Flash Point Method: CC
Lower Explosive Limit: 1.8
Upper Explosive Limit: 10
Extinguishing Media: CO2, DRY CHEMICAL FOR SMALL FIRES, ALCOHOL FOAM FOR LARGE FIRES.
Special Fire Fighting Proc: CLOSE/CONFINED QUARTERS REQUIRE SELF-CONTAINED BREATHING APPARATUS, POSITIVE PRESSURE HOSE MASKS/AIRLINE MASKS.
Unusual Fire And Expl Hazrds: VAPORS HEAVIER THAN AIR. MAY CONCENTRATE & MOVE ALONG FLOOR TO REMOTE IGNITION POINT.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAME
Materials To Avoid: ALKANOLAMINE, AMINES, PYRIDINES, AMMONIA, CAUSTICS, INORGANIC ACIDS, ISOCYANATES, STRONG OXIDIZING AGENTS, (SEE SUPP)
Hazardous Decomp Products: CO2, CO.
Hazardous Poly Occur: NO

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Health Hazard Data
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Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE DERMATOSES & DERMATITIS. EYES: TRANSIENT CORNEAL INJURY, VAPORS ARE IRRITATING. INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: GI IRRITANT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: DRYING, IRRITATION, NAUSEA, NARCOSIS
Emergency/First Aid Proc: SKIN: WASH AFFECTED AREA W/SOAP & WARM WATER. EYES: FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE FROM CONTAMINATED AREA, GIVE CPR IF NECESSARY. INGESTION: NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING BYMOUTH. GIVE WATER, INDUCE VOMITING, KEEP VICTIM'S HEAD BELOW KNEES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ELIMINATE IGNITION SOURCE. CONTAIN FOR SALVAGE/DISPOSAL. USE OF ANY DILUTION WATER SHOULD BE CLOSELY CONTROLLED. KEEP OUT OF WATERWAYS WHERE THERE IS DANGER OF VAPORS BEING IGNITED. MUST NOT ENTER NATURAL WATERWAYS. ADVISE AUTHORITIES.
Waste Disposal Method: CHEMICAL INCINERATOR, BIOLOGICAL SYSTEM & LANDFILL IN ACCORDANCE W/FEDERAL, STATE, LOCAL REGULATIONS.
Precautions-Handling/Storing: KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME.

AVOID BREATHING OF VAPORS & SKIN CONTACT. RECOMMEND THAT PRODUCT NOT BE USED W/METHYL NORMAL BUTYL KETONE.

Other Precautions: AVOID COPPER (POSSIBLE PRESENCE OF ACETYLENE).

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Control Measures
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Respiratory Protection: IF TLV EXCEEDED, USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE.

Ventilation: LOCAL EXHAUST

Protective Gloves: NEOPRENE/RUBBER

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: IMPERVIOUS APRON & SLEEVES, EYE BATH, SAFETY SHOWER

Work Hygienic Practices: REMOVE & LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: MATERIALS TO AVOID CONT'D: CHLORINATED HYDROCARBONS IN THE PRESENCE OF ALKALIES, METHYL NORMAL BUTYL KETONE, COPPER

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Transportation Data
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Trans Data Review Date: 98005

DOT PSN Code: FWQ

DOT Proper Shipping Name: ETHYL METHYL KETONE OR METHYL ETHYL KETONE

DOT Class: 3

DOT ID Number: UN1193

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: GZJ

IMO Proper Shipping Name: ETHYL METHYL KETONE

IMO Regulations Page Number: 3226

IMO UN Number: 1193

IMO UN Class: 3.2

IMO Subsidiary Risk Label: -

IATA PSN Code: LNF

IATA UN ID Number: 1193

IATA Proper Shipping Name: ETHYL METHYL KETONE

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: LNF

AFI Prop. Shipping Name: ETHYL METHYL KETONE OR METHYL ETHYL KETONE

AFI Class: 3

AFI ID Number: UN1193

AFI Pack Group: II

AFI Special Prov: P5

AFI Basic Pac Ref: A7.3

MMAC Code: NR

Additional Trans Data: FED SPEC TT-M-261 HAS BEEN CANCELLED.

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Disposal Data
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Disposal Data Review Date: 88085

Rec # For This Disp Entry: 03

Tot Disp Entries Per NSN: 004

Landfill Ban Item: YES

Disposal Supplemental Data: ITEM IS 99% MINIMUM BY WEIGHT OF MEK, IMPURITIES 0.7 SECONDARY BUTYL ALCOHOL IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.

1st EPA Haz Wst Code New: U159

1st EPA Haz Wst Name New: METHYL ETHYL KETONE; 2-BUTANONE
1st EPA Haz Wst Char New: IGNITABLE (I) TOXIC (T)
1st EPA Acute Hazard New: NO

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Label Data
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Label Required: YES
Technical Review Date: 03MAY94
Label Date: 03MAY94
Label Status: F
Common Name: 2-BUTANONE; MEK
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE
DERMATOSES & DERMATITIS. EYES: TRANSIENT CORNEAL INJURY, VAPORS ARE
IRRITATING. INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: GI
IRRITANT. POSSIBLE LUNG IRRITATION FROM SILICA. LONG TERM EXPOSURE TO
CRYSTALLINE SILICA CAN CAUSE PNEUMOCOSIOSIS. CARCINOGEN: QUARTZ.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: ROCKLAND COLLOID CORP.
Label Emergency Number: 845-359-5559