

SUPEROX 711

MSDS Number

BCTPH

National Stock Number

6810-00N010166

Product Name

SUPEROX 711

Manufacturer

REICHHOLD CHEMICALS INC (REACTIVE POLYMERS DIV)

Product Identification

Product ID: SUPEROX 711

MSDS Date: 09/20/1988

FSC: 6810

NIIN: 00N010166

MSDS Number: BCTPH

Responsible Party

REICHHOLD CHEMICALS, INC. (REACTIVE POLYMERS DIV)

8540 BAYCENTER ROAD

JACKSONVILLE, FL 32245

Emergency Phone: 800-424-9300; 904-739-2170

Info Phone: 904-739-2170

Cage: 1JM52

Contractor

REICHHOLD CHEMICALS INC (VDR-CHEM COMMODO AGY, INC)

19129

JACKSONVILLE, FL 32245

US

904-739-2170, CHEMTREC 800-424-9300

Cage: 1JM52

Ingredients

METHYL ETHYL KETONE PEROXIDE

CAS: 1338-23-4

RTECS: EL9450000

Fraction By Weight: 16%

OSHA PEL/OSHA PEL

ACGIH TLV: C 0.2 PPM

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

DIMETHYLPHTHALATE (SARA III)

CAS: 131-11-3

RTECS: TI1575000

Fraction By Weight: 23%

OSHA PEL5 MG/M3
ACGIH TLV: 5 MG/M3; 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

HYDROGEN PEROXIDE (SARA III)
CAS: 7722-84-1
RTECS: MX0900000
Fraction By Weight: 11%
OSHA PEL1 PPM
ACGIH TLV: 1 PPM; 9192

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS: 78-93-3
RTECS: EL6475000
Fraction By Weight: 1%
OSHA PEL200 PPM/300 STEL
ACGIH TLV: 200 PPM/300STEL 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.
Explanation of Carcinogenicity:THIS PRODUCT DOES NO CONTAIN 0.1% OR MORE OF ANY SUBSTANCE WHICH IS LISTED AS A CARCINOGEN BY NTP,IARC OR OSHA (MFR).
Effects of Overexposure:METHYL ETHYL KETONE PEROXIDE IS HIGHLY IRRITATING TO THE SKIN AND RESPIRATORY TRACT.EYE CONTACT MAY CAUSE BLINDNESS.INHALATION OF FUMES OR VAPORS MAY RESULT IN HEADACHE,DIZZINESS,SNEEZING,INCOORDINATI ON,AND CNS DEPRESSION.
Medical Cond Aggravated by Exposure:

First Aid

First Aid:SKIN:WASH AFFECTED AREA IMMED W/ SOAP & H*2O.REMOVE CONTAM CLOTH & SHOES & AGAIN WASH THOROUGHLY.IF SKIN IRRITATED,APPLY AN OINTMENT SUCH AS LANOLIN.IRRIT PERSIST,CONTACT PHYS.DISCARD CONTAM SHOES,LAU NDER CLOTH.EYES:RINSE IMMED W/ H*2O & CONT WASH FOR AT LEAST 15 MIN.CALL PHYS AT ONCE.INHAL:REMOVE VICTIM TO WELL VENT AREA;DIFFICULTY BREATH,GET MED ATTN AT ONCE.INGEST:DO NOT INDUCE VOMIT(SUP DATA)

Fire Fighting

Flash Point Method:SCC
Flash Point:>1=140 F;60 C
Upper Limits:
Extinguishing Media:WATER MOST EFFECTIVE.ALSO WATER FOG,CARBON DIOXIDE AND FOAM.CAUTION-DRY CHEMICAL CAN CAUSE MEKP TO REIGNITE.
Fire Fighting Procedures:IF CONFINED IN A RIGID CONTR(GLASS,METAL,THICK PLASTIC,)IT COULD RUPTURE VIOLENTLY.EXPOS TO TEMP OF 145 F OR GREATER MAY RESULT IN VIOLENT DECOMPOSITION.
Unusual Fire/Explosion Hazard:PERS EVAC PRIMARY.BLAZE FOUGHT FROM SAFE DISTANCE,FROM EXPLN-PROT LOCATION.NON-BURN MAT,RELOCATE TO SAFE

AREA.H*2O SPRAY ON ALL CNTNR EXPOSED TO HEAT.(SUP DATA)

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION,COVER W/
NON-COMBUST ABSORB MAT TO CONTAIN SPILLAGE.GATHER ABSORBED MASS W/
NON-SPARK TOOLS TO A POLYETHYLENE OR POLYPROPYLENE BAG OR
CONTR,MOVE OUTDOORS.WASH AREA W/ SOAP & H*2O.MAT NOT DSPL OF
SOON,WET BAG OR CONTR SEAL.

Neutralizing Agent:N/K

Handling

Handling and Storage Precautions:STORE AWAY FROM OTHER MAT IN COOL
PLACE IN ORIGINAL CONTR & AWAY FROM SOURCE OF DIRECT
SUNLIGHT,HEAT,FLAME,SPARKS.STORE BELOW 80F.MAX STORAGE TEMP 90F

Other Precautions:DO NOT ADD TO HOT MAT & AVOID CONTAM.ONLY
GLASS,POLYPROPYLENE,TEFLON,POLYETHYLENE,CERAMIC CONTR,FUNNELS/MEAS
DEVICE USE,AVOID METAL CONTAM.NEVER ADD PROMOTERS OR PROMOTED
RESINS TO PRODUCT.CONSULT LAB EL,SPI SAFETY POSTER,PRODUCT
BULLETIN.

Exposure Controls

Respiratory Protection:A CANISTER-TYPE RESPIRATOR MUST BE WORN TO
PREVENT THE INHALATION OF VAPORS WHEN THE TLV OR PEL IS
EXCEEDED(MFR).NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .

Ventilation:GEN VENT IS REQUIRED DURING NORMAL USE.LOCAL VENT MAY BE
REQUIRED FOR CERTAIN OPERATIONS TO KEEP EXPOS LEVEL BELOW LIMIT

Protective Gloves:CHEM RESISTANT PLASTIC OR RUBBER.

Eye Protection:CHEM WORK GOGGLES FACESHLD OPTIONAL

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN MUST BE
AVAILABLE AND IN GOOD OPERATING CONDITION.

Work Hygienic Practices:OBSERVE GOOD WORK HYGIENIC PRACTICES.

Supplemental Safety and Health

UNUSUAL FIRE EXPLN-HAZ:WEAR SCBA.HEAT OF DECOMP OF PEROXIDES ADDS TO
HEAT OF FIRE.DRY CHEM FIRE EXT AGENT MAY CATALYZE DECOMP.EMER FIRST
AID:DRINK LG AMTS OF MILK OR H*2O & OBTAIN IMMED MED ATTN FOR L
AVAGE(STOMACH WASH).

Chemical Properties

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:

Decomp Temp:Decomp Text:

Vapor Pres:

Vapor Density:HEAV AIR

Spec Gravity:1.11-1.17

pH:

Evaporation Rate & Reference:SLOW THAN N-BUTYL ACETATE

Solubility in Water:

Appearance and Odor:CLEAR,COLORLESS LIQUID WITH LOW ODOR.

Percent Volatiles by Volume:NEG

Corrosion Rate:

Stability

Stability Indicator/Materials to Avoid:YES

METALLIC CONTAM,AMINES,ORGANIC METAL SALTS & STRONG OXIDIZING & REDUC
AGENT,MINERAL ACID,ALKALI,PROMOTER/PROMOTED RESINS

Stability Condition to Avoid:DIRECT SUNLIGHT,HEAT ABOVE 100 F,OPEN
FLAME OR SPARKS,CONTAMINATION,PROLONGED STORAGE ABOVE 90F.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,DENSE
SMOKE AND INTENSE HEAT.

Conditions to Avoid Polymerization:

Disposal

Waste Disposal Methods:MAT CONTAINS MEKP,LISTED AS HAZ WASTE(NO
U160).DISPOSE OF MAT OR ITS CONTR REQUIRES COMPLY W/ APPLICABLE
LABEL,PACKAGE & RECORDKEEPING STD.FURTHER INFO,CONTACT STATE,LOCAL
OR EPA HOTLINE(800-424-9346; 202-383-3000).EPA WASTE NO DIMETHYL

PHTHALATE:U102

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