

MT TONER II, EP4231

MSDS Number

BMCYC

National Stock Number

6850-00N026584

Product Name

MT TONER II, EP4231

Manufacturer

MINOLTA CORP

Product Identification

Product ID: MT TONER II, EP4231

MSDS Date: 01/31/1990

FSC: 6850

NIIN: 00N026584

MSDS Number: BMCYC

Responsible Party

MINOLTA CORP

101 WILLIAMS DRIVE

RAMSEY , NJ 07446

US

Emergency Phone: 201-825-4000

Info Phone: 201-825-4000

Cage: G0339

Contractor

MINOLTA CORPORATION

RAMSEY, NJ 07446

US

201-825-4000

Cage: 23736

Ingredients

STYRENE-ACRYLATE COPOLYMER

Fraction By Weight: >80%

COPPER OXIDE

CAS: 1317-38-0

RTECS: GL7900000

Fraction By Weight: 5-10%

OSHA PEL1 (CU) MG/M3 DUST

ACGIH TLV: 1 (CU) MG/M3 DUST

ORGANIC PIGMENT

Fraction By Weight: 1-5%

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 1-5%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

PROPENE POLYMERS; (POLYPROPYLENE)

CAS: 9003-07-4

RTECS: UD1842000

Fraction By Weight: 1-3%

Hazards

LD50 LC50 Mixture:LD50:(ORAL ORAT) >5 G/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MINIMAL RESP TRACT IRRIT MAY OCCUR AS W/EXPOS TO LGE AMTS OF ANY NONTOXIC DUST. MAY CAUSE COUGH & RAISE PHLEGM. CHRONIC: NONE. TONER PRESENTS A LOW HAZARD FOR USUAL OCCUP SETTINGS. BASED ON AVA IL DATA, HUMAN EXPOS TO TONER HAS BEEN SHOWN TO CAUSE MINIMAL RESP TRACT IRRIT AS MAY OCCUR W/LGE AMTS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:OF ANY NONTOXIC DUSTS. RSLTS OF ONE ANIMAL STUDY WHERE RATS INHALED TONER THAT WAS 10X MORE RESPIRABLE THAN COMMERCIALY AVAIL TONER WERE OBSERVED TO HAVE NO LUNG CHANGES AT LOW EXPOS (THE MO ST RELEVANT LEVEL TO POTNTL HUMAN EXPOS). AT HIGHER LEVELS A SLIGHT DEGREE OF LUNG FIBROSIS WAS OBSERVED (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL: WASH NOSTRILS & RINSE MOUTH. INGEST: DILUTE STOMACH CONTENTS W/SEVERAL GLASSES OF WATER. EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER.

Fire Fighting

Extinguishing Media:WATER, FOAM & DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . AVOID INHALATION OF SMOKE.

Unusual Fire/Explosion Hazard:TONER IS A COMBUSTIBLE POWDER. WHEN DISPERSED IN AIR, IT FORMS EXPLOSIVE MIXTURES.

Accidental Release

Spill Release Procedures:IF SPILLED, SWEEP UP OR VACUUM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:NONE.

Other Precautions:TONER, AS A MIXTURE, IS CONSIDERED A NUISANCE DUST.

Exposure Controls

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN MINOLTA EQUIPMENT. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NOT APPLICABLE.

Protective Gloves:NONE REQD WHEN USED AS (SUPP DATA)

Eye Protection:NONE REQD WHEN USED AS (SUPP DATA)

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE.
Supplemental Safety and Health
EFTS OF OVEREXP:DUE TO EXCESSIVE AMOUNTS OF DUST RETAINED IN THE LUNGS
FOR A PROLONGED INTERVAL. PROT GLOVES:INTENDED. IMPERVIOUS GLOVES .
EYE PROT:INTENDED. CHEMICAL WORKERS GOGGLES .

Chemical Properties

HCC:N1
Spec Gravity:1.2
Solubility in Water:NEGLIGIBLE
Appearance and Odor:BLACK POWDER; FAINT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:PRODUCTS OF COMBUSTION ARE TOXIC.
AVOID BREATHING OF SMOKE.

Disposal

Waste Disposal Methods:DO NOT INCINERATE. NO SPECIAL TECHNIQUES BEYOND
NORMAL PRACTICE. ENSURE CONFORMITY W/FEDERAL, STATE & LOCAL
REGULATIONS.

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