

## **TONER, SP-50B**

### **MSDS Number**

BLDHB

### **National Stock Number**

6850-00N018199

### **Product Name**

TONER, SP-50B

### **Manufacturer**

MINOLTA CORP

### **Product Identification**

Product ID:TONER, SP-50B

MSDS Date:01/31/1990

FSC:6850

NIIN:00N018199

MSDS Number: BLDHB

### **Responsible Party**

MINOLTA CORPORATION

101 WILLIAMS DRIVE

RAMSEY , NJ 07446-1217

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 201-825-4000

Cage: 23736

### **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%

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; 9192

PROPENE POLYMERS; (POLYPROPYLENE)

CAS: 9003-07-4

RTECS: UD1842000

Fraction By Weight: 1-3%

TONER, AS A MIXTURE. LIMITS AS A NUISANCE DUST.

OSHA PEL15 MG/M3;5 RESP

ACGIH TLV: 10 MG/M3

## Hazards

LD50 LC50 Mixture:LD50(ORAL,RAT) >5.0 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 RESPIRATORY TRACT IRRIT MAY OCCUR AS WITH EXPOS TO LRG AMTS OF ANY NONTOXIC DUST. MAY CAUSE COUGH & RAISE PHLEGM. CHRONIC: NONE. TONER PRESENTS A LOW HAZ FOR USUAL OCCUPATIONAL SETTINGS . BASED ON AVAIL DATA, HUMAN EXPOS TO TONER HAS BEEN SHOWN TO CAUSE MINIMAL RESP TRACT IRRIT AS MAY(SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: OCCUR W/LRG AMTS OF ANY NON-TOXIC DUSTS. THE RESULTS OF ONE ANIMAL STUDY WHERE RATS INHALED TONER THAT WAS TEN TIMES MORE RESPIRABLE THAN COMMERCIALY AVAIL TONER WERE OBSERVED TO HAVE NO LU NG CHANGES AT LOW EXPOS (THE MOST RELEVANT LEVEL TO CAUSE MINIMAL HUMAN EXPOS). AT HIGHER LEVS A SLIGHT DEGREE (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHAL: WASH NOSTRILS, RINSE MOUTH. INGEST: DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER.

## Fire Fighting

Extinguishing Media:WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:USE 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:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

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

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE  
Supplemental Safety and Health  
EFTS OF OVEREXP: OF LUNG FIBROSIS WAS OBSERVED DUE TO EXCESSIVE AMTS OF  
DUST RETAINED IN THE LUNGS FOR A PROLONGED INTERVAL.

## 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 WITH FEDERAL, STATE AND LOCAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.