

MINOLTA CAMERA CO., LTD -- NEW TONER FOR ACTIONLASER 1000/1500; S051011 IMAGING
CARTRID -- 6850-01-411-2477

===== Product Identification =====

Product ID:NEW TONER FOR ACTIONLASER 1000/1500; S051011 IMAGING CARTRID

MSDS Date:09/21/1992

FSC:6850

NIIN:01-411-2477

MSDS Number: CFMTY

=== Responsible Party ===

Company Name:MINOLTA CAMERA CO., LTD

Address:3-13,2-CHOME,AZUCHI-MACHI,CHUO-KU

City:OSAKA 54

1, JAPAN

Emergency Phone Num:CONTACT REG POISON CONTROL CNTR

CAGE:S4049

=== Contractor Identification ===

Company Name:AMERICAN LASER INC

Address:1007 RIPLEY ST

Box:City:SILVER SPRING

State:MD

ZIP:20910

Country:US

Phone:301-588-4850

Contract Num:SP0450-00-M-SA63

CAGE:0S0F8

Company Name:MINOLTA CAMERA CO LTD

Address:30, 2-CHOME AZUCHI-MACHI

Box:City:HIGASHI-KU OSAKA 541

Phone:05-271-2251

CAGE:S4049

Company Name:MINOLTA CORPORATION

Address:101 WILLIAMS DRIVE

Box:City:RAMSEY

State:NJ

ZIP:07446

Coun

try:US

Phone:201-825-4000

CAGE:23736

===== Composition/Information on Ingredients =====

Ingred Name:POLYESTER RESIN

> Wt:85.

Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9596

Ingred Name:ORGANIC PIGMENT

1.
Maxumum % Wt:3.
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMORPHOUS SILICA
CAS:7631-86-9
< Wt:1.

=====
Hazards Identification
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LD50 LC50 Mixture:ORAL, RATS, LD50 >5.0G/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TONER PRESENTS LOW HAZ FOR USUAL
OCCUPA SETTINGS.BASED ON AVAI DATA HUMAN EXPO TO TONER HAS BEEN
SHOWN TO CAUSE MIN RESP TRACT I
RRIT AS MAY OCCUR W/LG AMTS OF ANY
NON-TOXIC DUSTS.RESULTS OF 1 ANIMAL S TUDY WHERE RATS INHAL TONER
10X MORE RESPIRABLE THAN COMMERC AVAI TONER WERE OBSERVED TO HAVE
NO LUNG CHANGES @LOW(SUP)
Explanation of Carcinogenicity:PER
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NOT LISTED.
Effects of Overexposure:ACUTE:MINIMAL RESP TRACT IRRIT MAY OCCUR AS
W/EXPO TO LARGE AMTS OF ANY NON-TOXIC DUST.MAY CAUSE COUGH & RAISE
PHLEGM.CHRONIC:NONE.
Medical Cond Aggravated by Exposure:NONE SPEC
IFIED BY MANUFACTURER.

=====
First Aid Measures
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First Aid:INHAL:WASH NOTSTRILS,RINSE MOUTH.INGEST:DILUTE STOMACH
CONTENTS W/SEVERAL GLASSES OF WATER.EYE:FLUSH W/WATER FOR
15MINS.SKIN:WASH W/SOAP/WATER.

=====
Fire Fighting Measures
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Flash Point:NA
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:WATER, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:AVOID INHA

LATION OF SMOKE.

Unusual Fire/Explosion Hazard:IF DISPERSED IN AIR, TONER, LIKE MOST
FINLEY DIVIDED ORGANIC POWDERS, AMY FORM AN EXPLOSIVE MXITURE.

===== Accidental Release Measures =====

Spill Release Procedures:IF SPILLED SWEEP UP OR VACUUM.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

=====
= Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN MINOLTA
EQPMT.

Protective Gloves:NONE REQUIRED WHEN USED AS INTENDED.

Eye Protection:NONE REQUIRED WHEN USED AS INTENDED.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE.

Supplemental Safety and Health

HEALTH:EXPO(MOST RELEVANT LEVEL TO POTENTIAL HUMAN EXPO).@HIGHER LEVELS
SLIGHT DEGREE OF LUNG FIBROSIS WAS OBSERVED DUE TO EXCESSIV

E AMTS

OF DUST RETAINED IN LUNGS FOR PROL INTERVAL.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.2

pH:NA

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK POWDER, FAINT ODOR

Percent Volatiles by Volume:NP

Corrosion Rate:NP

===== Stability and Reactivity Data =

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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 Considerations =====

Waste Disposal Methods: WASTE MAY BE DISPOSED OR INCINERATED UNDER
CONDITIONS WHICH MEET ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL
REGULATIONS.

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