

3M CENTER;DICUMENT SYSTEMS DIV -- 3M BRAND QUANTIMATIC TONER TYPE 748F

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MSDS Safety Information
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FSC: 6850
NIIN: 01-145-7438
MSDS Date: 09/21/1992
MSDS Num: BMTRG
Product ID: 3M BRAND QUANTIMATIC TONER TYPE 748F
MFN: 02
Responsible Party
Cage: 76381
Name: 3M CENTER;DICUMENT SYSTEMS DIV
Address: 3M CENTER
City: ST.
PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 76381
Name: MINNESOTA MINING AND MFG CO, DBA 3M
Address: 3M CENTER BLDG 224-5S-04
City: SAINT PAUL MN 55144-1000
Phone: 866-556 5712 / 612-733-1110

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Item Description Information
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Item Manager: S9G
Item Name: TONER,DIRECT ELECTROSTATIC PROCESS
Unit of Issue: BX
Quantitative Expression: 00000000008EA
UI Container Qty: 0
Type of Container: BOX

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Ingredients
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Cas: 9003-53-6
Name: POLYSTYRENE RESIN
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 2576

7-47-9

Name: STYRENE-ACRYLIC COPOLYMER
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 1333-86-4
RTECS #: FF5800000
Name: CARBON BLACK
% Wt: 5-10
Other REC Limits: 3.5 MG/M3
OSHA PEL: 3.5 MG/M3 *
ACGIH TLV: 3.5 MG/M3; 9192 *

Cas: 8005-02-5
Name: SOLVENT BLACK 7
% Wt: 1-5
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas:
1325-86-6
Name: VICTORIA BLUE DYE
% Wt: <1
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 65997-04-8
Name: FUMARATED ROSIN
% Wt: <1.0
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 151-41-7
Name: MONODECYL ESTER OF SULFURIC ACID
% Wt: <1.0
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: TLV FOR CARBON BLACK IS 3.5 MG/M3.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:MAY CAUSE MECHANICAL IRRITATION. SKIN: NO ADVERSE HEALTH EFFECTS ARE EXPECTED. INHALATION: DUST MAY CAUSE SLIGHT UPPER RESPIRATORY SYSTEM IRRITATION. INGESTION: NO ADVERSE HEALTH EFFECTS ARE EXPECTED.

Explanation Of Carcinogenicity: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: UPPER RESPIRATORY SYSTEM IRRITATION.

Medical Cond Aggravated By Exposure: PERSONS WITH A HISTORY OF RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:NO NEED FOR FIRST AID. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DRINK TWO GLASSES OF WATER. GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: OBSERVE PRECAUTIONARY INFORMATION FROM OTHER SECTIONS. VACUUM OR SWEEP UP SPILLED MATERIAL CAREFULLY. DO NOT MAKE THE POWDER AIRBORNE. BE CAUTIOUS WALKING ON THE POWDER, SLIP HAZARD.

Waste Disposal Methods: DISPOSE WITH REGULAR TRASH. D

ISPOSAL MAY BE BY BURIAL

IN A SANITARY LANDFILL OR INCINERATION. DISPOSAL SHOULD COMPLY TO ALL STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: AVOID PROLONGED OR REPEATED BREATHING OF DUST. STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: NONE

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Fire and Explosion Hazard Information
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Autoignition Temp Text: NONE

Extinguishing Media: USE C

ARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard: DUE TO FINE PARTICLE SIZE, POSSIBLY EXPLOSIVE IF
DISPERSED IN AIR IN HIGH CONCENTRATIONS.

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Control Measures
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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHAL
ATION EXPOSURES

BELOW PEL (TLV), USE NIOSH APPROVED RESPIRATOR AS PER CURRENT 29 CFR
1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves: NONE NORMALLY REQUIRED.

Eye Protection: GLASSES

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR
DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Heal
th: NONE

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Physical/Chemical Properties
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HCC: N1

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Spec Gravity: 1.1

Solubility in Water: NEGLIGIBLE

Appearance and Odor: FINE BLACK POWDER, ESSETIALLY ODORLESS

Percent Volatiles by Volume: 0

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stab

ility Indicator: YES

Stability Condition To Avoid: OPEN FLAMES

Materials To Avoid: STRONG OXIDIZERS

Hazardous Decomposition Products: STYRENE MONOMER, CARBON DIOXIDE AND CARBON
MONOXIDE

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 76381
Trans ID NO: 110868
Product ID: 3M BRAND QUANTIMATIC TONER TYPE 748F
MSDS Prepared Date: 09/21/1992
Review Date: 05/13/1992
MFN: 2
Net Unit Weight: 1600 GRAMS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 0
Type Of Container: BOX
Additional Data: NONE
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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULAT

ED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: 3M BRAND QUANTIMATIC TONER TYPE 748F

Cage: 76381

Company Name: MINNESOTA MINING AND MFG CO, DBA 3M

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Address: 3M CENTER BLDG 224-5S-04

City: SAINT PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-1110

Date Of Label Review: 05/14/1992

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 05/14/1992

Origination Code: F

Eye Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: None

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: EYE CONTACT: NO ADVERSE HEALTH EFFECTS ARE EXPECTED.

SKIN CONTACT: NO ADVERSE HEALTH EFFECTS

ARE EXPECTED. INHALATION: DUST MAY

CAUSE SLIGHT UPPER RESPIRATORY SYSTEM IRRITATION. INGESTION: NO ADVERSE HEALTH EFFECTS ARE EXPECTED. OBSERVE PRECAUTIONARY INFORMATION FROM OTHER SECTIONS. VACUUM OR SWEEP UP SPILLED MATERIAL BEING CAREFUL NOT TO MAKE THE POWDER AIRBORNE. BE CAUTIOUS WALKING ON THE POWDER, SLIP HAZARD. AVOID PROLONGED OR REPEATED BREATHING OF DUST. STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. FIRST AID: INHALATION: IF RESPIRATORY IRRITATION OR

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OTHER SYMPTOMS OCCUR, MOVE TO FRESH AIR. SWALLOWED: GET MEDICAL ATTENTION.

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