

3M GENERAL OFFICES -- TYPE 248 TONER, 78-6969-5973-9

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MSDS Safety Information
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FSC: 6850
NIIN: 01-316-8523
MSDS Date: 09/21/1992
MSDS Num: BWSZH
Product ID: TYPE 248 TONER, 78-6969-5973-9
MFN: 02
Responsible Party
Cage: 1BY21
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
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
Cage: 1BY21
Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV
Address: 3M CTR
City: SAINT PAUL MN 55144-1000
Phone
: 612-737-4114

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Item Description Information
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Item Name: TONER,DIRECT ELECTROSTATIC PROCESS

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Ingredients
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Cas: 25767-47-9
Name: ACRYLIC ACID BUTYL ESTER POLYMER WITH STYRENE CONTAINING ING 2
% Wt: >60
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Cas: 58353-09-6

Name: 2PROPENOIC ACID,2METHYL-,2(DIMETHYLAM)ETHYL ESTER,POLYM
W/ETHENYLBENZ&2ETHYLHEX 2PROPEN

% Wt: >60

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 8005-02-5

Name: SOLVENT BLACK 7

% Wt: >3.0

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 9003-07-0

RTECS #: TR5000000

Name: PROPENE POLYMERS; (POLYPROPYLENE)

% Wt: >1.0

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 1333-

86-4

RTECS #: FF5800000

Name: CARBON BLACK

% Wt: >1.0

OSHA PEL: 3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

Cas: 112945-52-5

RTECS #: VV7310000

Name: SILICA GEL

% Wt: >0.1

OSHA PEL: 6 MG/M3

ACGIH TLV: 10 MG/M3

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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Ind

s - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE:EYE:MECHANICAL EYE IRRIT:SIGNS/SYMP CAN INCL IRRIT, REDNESS, SCRATCHING OF CORNEA & TEARING. SKIN:MECHANICAL IRRIT:SIGNS/SYMP CAN INCL ITCHING & REDNESS. INHAL:IRRIT (UPPER RESP):SIGNS/SYMP CAN INCL SORENESS OF NOSE & THROAT, COUGHING & SNEEZING. WHILE FOLLOWING EFTS ARE ASSOC W/ONE OR MORE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ:OF INDIVIDUAL IN GREDS IN THIS

PROD & ARE REQD TO BE INCLD ON MSDS BY U.S. OSHA HAZ COMMUNITION STD, THEY ARE NOT EXPECTED EFTS DURING FORESEEABLE USE OF PROD. PNEUMOCONIOSIS (GEN):SIGNS/SYMP CAN INCL PERSISTENT COUGHING & SHORTNESS OF BREATH. INGEST:IRRIT OF GI TISS:SIGN/SYMP CAN INCL PAIN, VOMIT, (SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). EYE:IMMED FLUSH W/LG AMTS OF WATER FOR @ LEAST 15 MIN

S. GET IMMED MED ATTN. INHAL:IF

SIGNS/SYMP OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMP CONTINUE, CALL PHYSICIAN. INGEST:DRINK 2 GLASSES OF WATER. CALL PHYSICIAN.

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Handling and Disposal

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Spill Release Procedures: OBSERVE PRECAUT FROM OTHER SECTIONS. VACUUM TO AVOID DUSTING. CAUTION! VACUUM CLEANER COULD BE IGNIT SOURCE. CLEAN UP RESIDUE W/WATER. PLACE IN CLSD CNTNR. CAUTION: POWDER SPILL ON FLOORS MAY CREATE SL IP HAZARD.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISP IN SANITARY LANDFILL/INDUST INCIN MAY BE OPTIONS. SINCE REGS & DISP OPTIONS VARY, CONSULT APPLIC REGS/LOCAL WASTE DISP AUTHOR PRIOR TO DISP. DISPOS MUST BE I/A/W FED, ST & LOCAL REGS (FP N).

Handling And Storage Precautions: AVOID EYE CONT. AVOID PRLNGD/RPTD SKIN CONT. STORE AT ROOM TEMP. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION.

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Fire and Explosion Hazard Information

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Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: DUST CLOUDS OF MATERIAL IN COMBINATION W/AN IGNIT SOURCE MAY BE EXPLOSIVE.

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Control Measures
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Respiratory Protection: AVOID PROLONGED INHAL OF DUST. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: USE IN WELL-VENTILATED AREA.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD SAFETY GLASSES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH HANDS AFTER HANDLING & BEFORE EATING.

Supplemental Safety and Health: EFTS OF OVEREXP: ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND BLOOD IN FECES.

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Physical/Chemical Properties
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HCC: N1

Spec Gravity: 0.3-0.5 WATER=1

Solubility in Water: NIL

Appearance and Odor: FINE BLACK POWDER, ESSENTIALLY ODORLESS

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: ELEVATED TEMPERATURE STORAGE CAN CAUSE CLUMPING OF TONER POWDER.

Hazardous Decomposition Products: COMBUST PRODS MAY INCL CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBS, STYRENE MONOMER, AND CARBON PARTICULATES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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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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=====
HAZCOM Label
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Product ID: TYPE 248 TONER, 78-6969-5973-9

Cage: 1BY21

Company Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV

Street: 3M CTR

City: SAINT PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-1110

Label Required IND: Y

Date Of Label Revie

w: 02/13/1995

Status Code: C

Label Date: 02/13/1995

Origination Code: G

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE:EYE:MECHANICAL EYE IRRIT:SIGNS/SYMP CAN INCL IRRIT, REDNESS, SCRATCHING OF CORNEA &; TEARING. SKIN:MECHANICAL IRRIT:SIGNS/SYMP CAN INCL ITCHING &; REDNESS. INHAL:IRRIT (UPPER RESP):SIGNS/SYMP CAN I

NCL SORENESS OF NOSE &; THROAT, COUGHING &;

SNEEZING. INGEST:IRRITATION OF GI TISSUE. CHRONIC:NONE SPECIFIED BY MANUFACTURER.

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