

3M - ENGINEERING SYSTEMS DIV. -- 3M BRAND TYPE 148 TONER

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MSDS Safety Information

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FSC: 6850

NIIN: 01-282-9908

MSDS Date: 02/20/1995

MSDS Num: BYHKS

Product ID: 3M BRAND TYPE 148 TONER

MFN: 03

Responsible Party

Cage: 1BY21

Name: 3M CO - ENGINEERING SYSTEMS DIV.

Address: 3M CENTER

City: ST PAUL MN 5514

4-1000

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: 1BY21

Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV

Address: 3M CTR

City: SAINT PAUL MN 55144-1000

Phone: 612-737-4114

Cage: 9X866

Name: SUMMIT ASSOCIATES

Address: 10910-H SOUTHLAKE COURT

City: RICHMOND VA 23236-3914

Phone: 804-794-1434

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Item Description Information

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Item Manager: S9G

Item Name: TONER,DIRECT ELECTROSTATIC PROCESS

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: BX

Quantitative Expression: 00000000004EA

UI Container Qty: 4

Type of Container: BOX

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Ingredients

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Cas: 25213-39-2

Name

: STYRENE ACRYLIC RESIN (MIXTURE WITH CAS# 58353-09-6)

% Wt: 60-100

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 58353-09-6

Name: STYRENE ACRYLIC RESIN (MIXTURE WITH CAS# 25213-39-2)

% Wt: 60-100

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 39382-25-7

Name: BISPHENOL A PROPYLENE OXIDE FUMARATE

% Wt: 10-30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 9003-07-0

RTECS #: TR5000000

Name: POLYPROPYLENE

% Wt: 5-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 8005-02-5

Name: SOLVENT BLACK 7

% Wt: 3-7

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 1333-86-4

RTECS #: FF5800000

Name: CARBON BLACK

% Wt: 3-7

Oth

er REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 112945-52-5

RTECS #: VV7310000

Name: SILICA

% Wt: 0.1-1

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 6 MG/M3

ACGIH TLV: 10 MG/M3

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinog

enicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: MECHANICAL EYE IRRITATION. SKIN: MECHANICAL SKIN

IRRITATION. INHALATION: IRRITATION (UPPER RESPIRATORY). INGESTION: IRRITATION
OF GASTROINTESTINAL TISSUES.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: EYE-REDNESS, SCRATCHING OF THE CORNEA AND
TEARING. SKIN-ITCHING AND REDNESS. INHALATION-SORENESS OF THE NOSE AND THROAT
, COUGHING AND SNEEZING. SWALLOWED-PAIN, VOMITING, ABDOMINAL TENDERNESS,

NAUSEA, BLOOD IN VOMITUS, AND BLOOD IN FECES.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE
MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION:
IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS
CONTINUE, CALL A PHYSICIAN. SWALLOWED: DRINK 2 GLASSES OF WATER. CALL A
PHYSICIAN.

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Handling

and Disposal

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Spill Release Procedures: OBSERVE PRECAUTIONS FROM OTHER SECTIONS. VACUUM TO
AVOID DUSTING. CAUTION! A VACUUM CLEANER COULD BE AN IGNITION SOURCE. CLEAN
UP RESIDUE WITH WATER. PLACE IN CLOSED CONTAINER. CAUTION: POWDER SPILL O N
FLOOR MAY CREATE A SLIP HAZARD.

Waste Disposal Methods: INCINERATE IN A INDUSTRIAL OR COMMERCIAL FACILITY.
DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL.

Handling And Storage Precautions: STOR

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

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Fire and Explosion Hazard Information
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Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures: NOT DETERMINED.
Unusual Fire/Explosion Hazard: DUST CLOUDS OF THIS MATERIAL IN COMBINATION WITH
AN IGNITION SOURCE MAY BE EXPLOSIVE.

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Control Measures
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Respiratory Protection: AVOID PROLONGED BREATHING OF DUST.
Ventilation: USE IN WELL-VENTILATED AREA.
Protective Gloves: AVOID PROLONGED OR REPEATED SKIN CONTAC
Eye Protection: AVOID EYE CONTACT.
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING.
Supple
mental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: V7
Spec Gravity: 0.30-0.50
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: ELEVATED TEMPERATURE STO
RAGE MAY CAUSE CLUMPING
OF TONER OWDER.
Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
HYDROCARBONS, STYRENE MONOMER AND CARBON PARTICULATES.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE

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Toxicological Information
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Ecologi

cal 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: 1BY21
Trans ID NO: 121864
Product ID: 3M BRAND TYPE 148 TONER
MSDS Prepared Date: 02/20/1995
Review Date: 03/27/1996
MFN: 3
Net Unit Weight: 2.8 LBS
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 4
Type Of Container: BOX
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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 PS

N Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED 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 TYPE 148 TONER
Cage: 1BY21
Company Name: MIN
NESOTA 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 Review: 03/27/1996
Status Code: C
Label Date: 03/27/1996
Origination Code: F
Chronic Hazard IND: Y
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES, AND OTHER SOURCES OF IGNITION. IN CASE OF SPILL: OBSERVE PRECAUTIONS FROM OTHER SECTIONS. VACUUM TO AVOID DUSTING. CAUTION! A VACUUM CLEANER COULD BE AN IGNITION SOURCE. CLEAN UP RESIDUE WITH WATER. PLACE IN CLOSED CONTAINER. CAUTION: POWDER SPILL ON FLOOR MAY CREATE A SLIP HAZARD. FIRST AID: EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN.
SWALLOWED: DRINK 2 GLASSES OF WATER. CALL A PHYSICIAN.

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