

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

MSDS Safety Information

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 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Review Ind: Y
Published: Y

Contractor Summary

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

Item Description Information

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

Ingredients

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
Other 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

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EY

ES: 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 Agg

ravated 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.

Handling and Disposal

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: STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES, AND OTHER SOURCES OF IG

NITION.
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 CONTACT
Eye Protection: AVOID EYE CONTACT.
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING.
Supplemental 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 STORAGE MAY CAUSE CLUMPING OF TONER POWDER.
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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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: 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 P

roper 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 REGULATED BY THIS MOD

E OF TRANSPORTATION

Detail AFI Information

AFI PSN Code: ZZZ

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

HAZCOM Label

Product ID: 3M BRAND TYPE 148 TONER

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 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:
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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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