

3M GENERAL OFFICES,ENGINEERING -- TYPE 852 DEVELOPER PREMIX,#GB-20004173-8/78

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MSDS Safety Information
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FSC: 6850
NIIN: 01-294-2878
MSDS Date: 09/02/1992
MSDS Num: BRTJB
Product ID: TYPE 852 DEVELOPER PREMIX,#GB-20004173-8/78
MFN: 01
Responsible Party
Cage: 1BY21
Name: 3M GENERAL OFFICES,ENGINEERING DOCUMENT SYSTEM DIV
Ad
dress: 3M CTR
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: 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 Manager: S9G
Item Name: DEVELOPER,INDIRECT ELECTROSTATIC PROCESS
Specification Number: UNKNOWN
Unit of Issue: BX
Quantitative Expression: 00000000002EA
UI Container Qty: 0
Type of Container: PACKAGE

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Ingredients
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Cas: 7439-89-6
RTECS #: NO4565500
Name: IRON AND IRON OXIDE (CAS 7439-89-6) MIXTURE.
% Wt: 60-100
Other REC Limit

s: NONE SPECIFIED BY M.
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 9003-53-6
RTECS #: WL6475000
Name: POLYSTYRENE
% Wt: 5-10

Other REC Limits: NONE SPECIFIED BY M.
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 1333-86-4
RTECS #: FF5800000
Name: CARBON BLACK
% Wt: <1
OSHA PEL: 3.5 MG/M3
ACGIH TLV: 3.5 MG/M3; 9192

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

Name: SOLVENT BLUE 5
% Wt: <1
Other REC Limits: NONE SPECIFIED BY M.
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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

Cas: 151-41-7
Name: MONODECYL ESTER OF SULFURIC ACID
% Wt: <1

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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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: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: DUST MAY CAUSE IRRITATION TO THE EYES AND SKIN. INHALATION OF DUST MAY CAUSE PULMONARY TRACT PROBLEMS. INGESTION:IRRITATION OF GI TRACT.

CHRONIC:PANCREATIC DISORDERS, LIVER EFFECTS, AND LUNG FIBROSIS.

Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.

Signs And Symptoms Of Overexposure: RED EYES, PAIN, DIFFICULTY IN BREATHING, COUGHING, NAUSEA, VOMITING, BLOOD IN VOMITUS AND STOOLS.

Medical Cond Aggravated By Exposure: PULMONARY, LIVER AND PANCREATIC DISORDERS.

First Aid: INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15

MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH

WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIST. INGESTION:DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: WEAR DUST MASK. VACUUM OR WET SWEEP SPILLED MATERIAL. PLACE IN CLOSED CONTAINER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard Information
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Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING A

ND

SELF-CONTAINED BREATHING APPARATUS.

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: NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN DUST IS CREATED.

Ventilation: GENERAL

Protective Gloves: NONE SPECIFIED BY MANUFACTURER.

Eye Protection: GOGGLES

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH THIS PRODUCT.

Supplemental Safety and Health: AVOID GENERATING AIRBORNE DUST.

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Physical/Chemical Properties
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HCC: N1

Spec Gravity: 7

Solubility in Water: INSOLUBLE

Appearance and Odor: GRANULAR, DARK GREY POWDER, ODORLESS

Percent Volatiles by Volume: NONE

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: ELEVATED TEMPERATURES.

Materials To Avoid: NONE

Hazardous Decomposition Products: OXIDES OF CARBON AND IRON, HYDROCARBONS, CARBON PARTICULATES, AND STYRENE MONOMER.

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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Transportation Information
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Responsible Party Cage: 1BY21
Trans ID NO: 123070
Product ID: TYPE 852 DEVELOPER PREMIX,#GB-20004173-8/78
MSDS Prepared Date: 09/02/1992
Review Date: 11/05/1993
MFN: 1
Multiple KIT Number: 0
Review IND:
Y
Unit Of Issue: BX
Container QTY: 0
Type Of Container: PACKAGE
Additional Data: NOT REGULATED FOR TRANSPOTRTATION
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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 Pr
oper 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 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

HAZCOM Label

Product ID: TYPE 852 DEVELOPER PREMIX,#GB-20004173-8/78

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: 11/05/1993

Status Code: C

Label Date: 11/05/1993

Year Procured: 1993

Origina

tion Code: F

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: DUST MAY CAUSE IRRITATION TO THE EYES AND SKIN.

INHALATION OF DUST MAY CAUSE PULMONARY TRACT PROBLEMS. INGESTION:IRRITATION OF GI TRACT. CHRONIC:PANCREATIC DISORDERS, LIVER EFFECTS, AND LUNG FIBROSIS.

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