

3M GENERAL OFFICES -- TYPE 152 DEVELOPER PREMIX, 76-6969-5889-7

MSDS Safety Information

FSC: 6850

NIIN: 01-273-8179

MSDS Date: 12/01/1992

MSDS Num: BWPVJ

Product ID: TYPE 152 DEVELOPER PREMIX, 76-6969-5889-7

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 Numbe

r: 612-733-1110

Published: Y

Contractor Summary

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

Item Description Information

Item Name: DEVELOPER,INDIRECT ELECTROSTATIC PROCESS

Ingredients

Cas: 7439-89-6

RTECS #: NO4565500

Name: IRON

% Wt: 60-100

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 25213-39-2

Name: STYRENE, ACRYLATE COPOLYMER; (STYRENE ACRYLIC RESIN MIXTURE INCLU

DING ING

3)  
% Wt: 3-7  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Cas: 58353-09-6  
Name: 2-PROPENOIC ACID, 2METHYL-, 2(DIMETHYLAM)ETHYL ESTER, POLYM W/ETHENYLBENZ  
& 2ETHYLHEX 2PROPEN  
% Wt: 3-7  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Cas: 39382-25-7  
Name: BISPHENOL A PROPYLENE OXIDE FUMARATE; (POLYESTER RESIN)  
% Wt: 0.5-1.5  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Cas: 1333-86-4  
RTECS #: FF5800  
000  
Name: CARBON BLACK  
% Wt: 0.1-1  
OSHA PEL: 3.5 MG/M3  
ACGIH TLV: 3.5 MG/M3

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Cas: 9003-07-4  
RTECS #: UD1842000  
Name: PROPENE, POLYMERS; (POLYPROPYLENE)  
% Wt: 0.1-1  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Cas: 8005-02-5  
Name: SOLVENT BLACK 7; (C.I. SOLVENT BLACK 7)  
% Wt: 0.1-1  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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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 Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: MILD IRRIT. SIGNS/SYMPS CAN INCL REDNESS, SWELL, PAIN & TEARING. SKIN: MILD IRRIT. SIGNS/SYMPS CAN INCL REDNESS, SWELL & ITCH. INHAL: IRRIT (UPPER RESP). SIGNS/SYMPS CAN INCL SORE NOSE & THROAT, COUGH & SNEEZING. INGEST: IRRIT OF GI TISS. SIGNS/SYMPS CAN INCL PAIN, VOM

IT, ABDOM TENDERNESS, NAUS, (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptoms Of Overexposure: HLTH HAZ: BLOOD IN VOMITUS & IN FECES.

WHILE FOLLOWING EFTS ARE ASSOC W/ONE OR MORE OF INDIVIDUAL INGREDIENTS IN PROD & ARE REQD TO BE INCL ON MSDS BY OSHA, THEY ARE NOT EXPECTED EFTS DURING FORESEEABLE USE OF PROD. INHAL/INGEST: PANCREATIC DISORDERS. SIGNS/SYMPS CAN INCL UNUSUAL THIRST & WT CHANGES. LIVER EFTS. (SUPDAT)

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHAL: REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL MD. INGEST: DRINK TWO GLASSES OF WATER. CALL MD.

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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 A CLOSED CONTAINER. CAUTION: POWDER SPILL ON A FLOOR MAY CREATE A SLIP HAZARD.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL. SINCE REGULATIONS VARY, CONSULT APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

Handling And Storage

Precautions: STORE AT ROOM TEMPERATURE. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION.

Other Precautions: AVOID EYE CONTACT. AVOID PROLONGED OR REPEATED SKIN CONTACT.

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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

AND FULL PROTECTIVE  
EQUIPMENT (FP N).

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 INHALATION OF DUST. USE NIOSH/MSHA  
APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: USE IN A WELL-VENTILATED AREA.

Protective Gloves: IMPERVI  
OUS GLOVES (FP N).

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

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

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

Supplemental Safety and Health: EFTS OF OVEREXP: SIGNS/SYMPS CAN INCL YELLOW  
SKIN (JAUNDICE) & TENDERNESS OF UPPER ABDOMEN. INHAL: FIBROSIS (GENERAL).  
SIGNS/SYMPS CAN INCL SHORTNESS OF BREATH & PERSISTENT COUGH.

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Physical/Chemical  
Properties

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Spec Gravity: 3 (H\*2O=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: STRONG ACIDS.

Hazardous Decomposition Products: COMBUST PRODS MAY INCL OXIDES OF CAR  
BON &

IRON, HYDROCARBONS, STYRENE MONOMER & CARBON PARTICLES.

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 In

formation  
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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 152 DEVELOPER PREMIX, 7  
6-6969-5889-7  
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: 02/09/1995  
Status Code: C  
Label Date: 02/09/1995  
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  
Hazar  
d And Precautions: ACUTE: EYES: MILD IRRITATION. SIGNS/SYMPTOMS CAN  
INCLUDE REDNESS, SWELLING, PAIN & TEARING. SKIN: MILD IRRITATION.  
SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING & ITCHING. INHAL: IRRITATION  
(UPPER RESP IRATORY). SIGNS/SYMPTOMS CAN INCLUDE SORE NOSE & THROAT,  
COUGHING & SNEEZING. INGEST: IRRITATION OF GI TISSUE. SIGNS/SYMPTOMS CAN  
INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS &  
IN FECES. PANCREATIC DISORDERS; UNUSUAL THIR

ST & WEIGHT CHANGES. LIVER  
EFFECTS; YELLOW SKIN (JAUNDICE) & TENDERNESS OF UPPER ABDOMEN. FIBROSIS;  
SHORTNESS OF BREATH & PERSISTENT COUGH. CHRONIC: NONE LISTED BY  
MANUFACTURER.

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