

TOYO KOGYO LTD -- PANASONIC DEVELOPER FQ-Z109-P - DEVELOPER, INDIRECT ELECTROSTATIC P
MATERIAL SAFETY DATA SHEET
NSN: 6850013396205
Manufacturer's CAGE: 0CYJ3
Part No. Indicator: A
Part Number/Trade Name: PANASONIC DEVELOPER FQ-Z109-P

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General Information
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Item Name: DEVELOPER, INDIRECT ELECTROSTATIC PROCESS
Company's Name: TOYO KOGYO CO LTD
Company's Street: 3810 FUKAMI
Company's City: YAMATO
Company's Country: JA
Company's Zip Code: JAPAN
Company's Emerg Ph #: 03-272-5711 JAPAN/314-997-3667 DIST
Distributor/Vendor # 1: PAPERGRAPHICS INC (800-323-5006)
Distributor/Vendor # 1 Cage: 5X817
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 09DEC91
Safety Data Review Date: 18MAR92
Supply Item Manager: CX
MSDS Serial Number: BMDYM
Hazard Characteristic Code: N1
Unit Of Issue: BT
Unit Of Issue Container Qty: 400.0 G
Type Of Container: BOTTLE
Net Unit Weight: 0.9 LB

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: CARBON BLACK
Ingredient Sequence Number: 01
Percent: 0.4
NIOSH (RTECS) Number: FF5800000
CAS Number: 1333-86-4
OSHA PEL: 3.5 MG/M3
ACGIH TLV: 3.5 MG/M3; 9192
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: MAGNETITE
Ingredient Sequence Number: 02
Percent: 45.4
NIOSH (RTECS) Number: 1000158MA
CAS Number: 1309-38-2
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: RESIN
Ingredient Sequence Number: 03
Percent: 54.0
NIOSH (RTECS) Number: 1000250RE
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO

Ingredient: ADDITIVES
Ingredient Sequence Number: 04
Percent: 0.2
NIOSH (RTECS) Number: 1000144AD
OSHA PEL: UNKNOWN
ACGIH TLV: UNKNOWN
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics
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Appearance And Odor: BLACK COLORED, FINE POWDER; ODORLESS
Specific Gravity: 2.5
Decomposition Temperature: UNKNOWN
Solubility In Water: NEGLIGIBLE
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Extinguishing Media: CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.
Special Fire Fighting Proc: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire And Expl Hazrds: NONE IN NORMAL STORAGE AND USE CONDITIONS. NOT FLAMMABLE OR COMBUSTIBLE BUT WILL BURN IF IGNITED.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): FLAMES
Materials To Avoid: STRONG OXIDIZERS
Hazardous Decomp Products: NONE IN NORMAL HANDLING AND USE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data
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LD50-LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: ACUTE AND CHRONIC- HEALTH HAZARD IS MINIMAL BEING NEITHER IRRITATING, CORROSIVE, VOLATILE, NOR TOXIC.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Signs/Symptoms Of Overexp: MINIMAL
Med Cond Aggravated By Exp: NONE DOCUMENTED.
Emergency/First Aid Proc: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: FLUSH OUT MOUTH WITH WATER. SEEK MEDICAL ATTENTION.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: WEAR APPROVED RESPIRATOR AND CHEMICALLY COMPATIBLE GLOVES. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE.
Neutralizing Agent: NOT APPLICABLE.
Waste Disposal Method: NO SPECIAL PRECAUTIONS. CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: STORAGE-STORE IN COOL, DRY, DARK PLACE AWAY FROM COMBUSTIBLES & HEAT SOURCE.

Other Precautions: KEEP CONTAINER CLOSED. HANDLE OPENED BOTTLES CAREFULLY TO PREVENT TONER FROM DISPERSING IN AIR. AVOID INHALATION OF TONER POWDER. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING MATERIAL.

Control Measures

Respiratory Protection: NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR DUST RESPIRATOR IS ADVISED.
Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves: NONE NEEDED
Eye Protection: NONE NEEDED
Other Protective Equipment: EYE WASH STATION, EMERGENCY SHOWER
Work Hygienic Practices: DO NOT PERMIT EATING, DRINKING OR SMOKING NEAR THIS MATERIAL.

Transportation Data

Trans Data Review Date: 92078
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Disposal Data

Label Data

Label Required: YES
Label Status: G
Common Name: PANASONIC DEVELOPER FQ-Z109-P
Special Hazard Precautions: ACUTE AND CHRONIC- HEALTH HAZARD IS MINIMAL BEING NEITHER IRRITATING, CORROSIVE, VOLATILE, NOR TOXIC. MINIMAL
Label Name: TOYO KOGYO CO LTD
Label Street: 3810 FUKAMI
Label City: YAMATO
Label Zip Code: JAPAN
Label Country: JA
Label Emergency Number: 3-272-5711 JAPAN/314-997-3667 DIST

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