

IMATION ENTERPRISES CORP -- TYPE 248 TONER, 78-6969-5973-9 -- 6850-01-316-8523  
===== Product Identification =====

Product ID:TYPE 248 TONER, 78-6969-5973-9

MSDS Date:10/03/1996

FSC:6850

NIIN:01-316-8523

MSDS Number: CGVNM

=== Responsible Party ===

Company Name:IMATION ENTERPRISES CORP

Address:1 IMATION PLACE

City:OAKDALE

State:MN

ZIP:55128-3414

Country:US

Info Phone Num:612-733-1110

Emergency Phon

e Num:612-733-1110

CAGE:EO130

=== Contractor Identification ===

Company Name:IMATION ENTERPRISES CORP

Address:1 IMATION PLACE

Box:City:OAKDALE

State:MN

ZIP:55128-3414

Country:US

Phone:888-466-3456

CAGE:39711

Company Name:IMATION ENTERPRISES CORPORATION

Address:1 IMATION PLACE

Box:City:SAINT PAUL

State:MN

ZIP:55128-1110

Country:US

Phone:612-733-1110

CAGE:EO130

===== Composition/Information on Ingredients =====

Ingred Name:ACRYLIC ACID BUTYL ESTER POLYMER WITH STYRENE; (STYRENE

ACRYLIC RESIN (MIXED W/ING 2)

CAS:25767-47-9

Fraction by Wt: 60-100%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:2PROPENOIC ACID,2METHYL-,2(DIMETHYLAM)ETHYL ESTER,POLYM  
W/ETHENYLBENZ&2ETHYLHEX 2PROPEN; (STYRENE ACRYLIC RESIN)

CAS:58353-09-6

Fraction by Wt: 60-100%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SOLVENT BLACK 7; (C.I. SOLVENT BLACK 7)

CAS:8005-02-5

Fraction by Wt: 3-7%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:PROPENE POLYMERS; (POLYPROPYLENE)

CAS:9003-07-4

RTECS #:UD1842000

Fra

ction by Wt: 1-5%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 1-5%

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:SILICA GEL; (SILICA)

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 0.1-1%

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP

:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT:MECHANICAL IRRITATION:  
SIGNS/SYMPTOMS CAN INCLUDE IRRITATION, REDNESS, SCRATCHING OF  
CORNEA AND TEARING. SKIN CONTACT:MECHANICAL IRRITATION:  
SIGNS/SYMPTOMS CAN INCLUDE ITCHING AND REDNESS.  
INHALATION:IRRITATION (UPPER RESPIRATORY): SIGNS/SYMPTOMS CAN  
INCLUDE SORENESS OF NOSE AND THROAT, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:CARBON BLACK:IARC MONOGRAPHS, VOL 65, PG  
24-27, 1995:GROUP 2B.

Effects of Overexposure:HLTH HAZ:COUGH & SNEEZING. INGEST:IRRIT OF GI  
TISSUES: SIGNS/SYMPS CAN INCL PAIN, VOMIT, ADMON TENDERNESS, NAUS,  
BLOOD IN VOMITUS & BLOOD IN FECES. WHILE FOLLOWING EFTS ARE ASSOC  
W/ONE OR MORE OF INDIVIDUALINGS IN THIS PROD & ARE REQD TO BE  
INCL ON MSDS BY U.S. OSHA HAZ COMMUNICATION STD, THEY ARE NOT  
EXPECTED(SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

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

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .  
Unusual Fire/Explosion Hazard:DUST CLOUDS OF THIS MATERIAL IN  
COMBINATION W/IGNITION SOURCE MAY BE EXPLOSIVE.

===== Accidental Release Measures =====

Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS OF  
THIS MSDS. VACUUM TO AVOID DUSTING. CAUTION! A VACUUM CLEANER COULD  
BE IGNITION SOURCE. CLEAN UP RESIDUE W/WATER. PLACE IN CLOSED  
CONTAINER. CAUTION: POWDER SPILL ON FLOORS MAY CREATE A SLIP  
HAZARD.  
Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:AVOID EYE CONTACT. AVOID PROLONGED OR REPEATED SKIN CONTACT. USE IN A WELL-VENTILATED AREA. AVOID PROLONGED BREATHING OF DUST.

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

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:USE IN A WELL-VENTILATED AREA.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .

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

Supplemental Safety and Health

EFFECTS OF OVEREXPOSURE: EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT:

PNEUMOCONIOSIS (GENERAL):  
SIGNS/SYMPTOMS CAN INCLUDE PERSISTENT  
COUGHING & SHORTNESS OF BREATH.

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===== Physical/Chemical Properties =====

Spec Gravity:0.3-0.5(H<sub>2</sub>O=1)

Solubility in Water:NIL

Appearance and Odor:FINE BLACK POWDER; ESSENTIALLY ODORLESS.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:ELEVATED TEMPERATURE STORAGE CAN CAUSE  
CLUMPING OF TONER POWDER

Hazardous Decomposition Products: COMBUSTION PRODUCTS MAY INCLUDE CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBONS, STYRENE MONOMER & CARBON PARTICULATES.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS . DISPOSAL IN SANITARY LANDFILL OR INDUSTRIAL INCINERATOR MAY BE OPTIONS. SINCE REGULATIONS & DISPOSAL OPTIONS VARY, CONSULT APPLIC REGS /LOCAL WASTE DISP AUTHORITIES PRIOR TO DISPOSAL.

===== Other Information =====

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