

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

=====
===== 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.

Effec

ts of Overexposure:HLTH HAZ:COUGH & SNEEZING. INGEST:IRRIT OF GI
TISSUES: SIGNS/SYMPMS CAN INCL PAIN, VOMIT, ADMON TENDERNESS, NAUS,
BLOOD IN VOMITUS & BLOOD IN FECES. WHILE FOLLOWING EFTS ARE ASSOC
W/ONE OR MORE OF INDI VIDUAL INGS 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 SI GNS/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.

=====
===== 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.

=====
===== 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.

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

Spec Gravity:0.3-0.5(H₂O=1)

Solubility in Water:NIL

Appearance and Odor:FINE BLACK POWDER; ESSENTIALLY ODORLESS.

=====
===== 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 =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.