

CANON U.S.A., INC. MICROGRAPHICS DIVISION -- M TONER 10 -- 6850-01-240-2342

===== Product Identification =====

Product ID:M TONER 10

MSDS Date:03/01/1994

FSC:6850

NIIN:01-240-2342

MSDS Number: BHHZW

=== Responsible Party ===

Company Name:CANON U.S.A., INC. MICROGRAPHICS DIVISION

Address:ONE CANON PLAZA

City:LAKE SUCCESS

State:NY

ZIP:11042

Country:US

Info Phone Num:516-488-6700 OR 516-328-5600

Emer

gency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:JOSEPH PALMERI

CAGE:08YZ7

=== Contractor Identification ===

Company Name:CANON USA INC

Address:ONE CANON PLZ

Box:City:NEW HYDE PARK

State:NY

ZIP:11042

Country:US

Phone:516-328-5000; 5600

CAGE:08YZ7

Company Name:TONER ETC

Address:124 HERITAGE AVE

Box:City:PORTSMOUTH

State:NH

ZIP:03801

Country:US

Phone:800-370-8663 603-431-3624

CAGE:0YL79

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

Ingred Name:STYRENE-ACRYLIC COPOLYME

R  
CAS:25767-47-9  
Fraction by Wt: 55-65%

Ingred Name:IRON OXIDE  
CAS:1317-61-9  
Fraction by Wt: 30-40%  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:TLV=10 MG/M3 (TOTAL DUST)  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: TONER IS LOW HAZARD FOR  
RECOMMENDED HANDLING. CONTACT WITH EYE MAY CAUSE TRANSIENT  
IRRITATIO  
N. CHRONIC: PROLONGED OR REPEATED EXPOSURE TO TONER DUST  
MAY CAUSE MINIMAL RESPIRATORY TRACT IRRITATI ON.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYES-TRANSIENT IRRITATION. INHALED-IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED-REMOVE TO FRESH AIR. GET  
MEDICAL ATTENTION IF  
SYMPTOMS PERSIST. EYES-FLUSH WITH WATER. GET MEDICAL ATTENTION IF  
SYMPTOMS OCCUR. SKIN-WASH WITH SOAP AND WATER. GET MEDICAL  
ATTENTION IF SYMPTOMS OCCUR. INGESTION-IF CONSCIOUS, HAVE PERSON  
DRINK 1-2 GLASSES WATER. SEEK MEDICAL ATTENTION.

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

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, OR WATER.  
Fire Fighting Procedures:NONE. DLA-HMIS: WEAR SELF-CONTAINED BREATHING  
APPARATUS AN  
D FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:TONER, LIKE MOST ORGANIC MATERIALS IN  
POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

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

Spill Release Procedures:AVOID INHALING DUST. SWEEP MATERIAL ONTO PAPER  
AND PLACE IN A FIBER CARTON AND DISPOSE OF THE WASTE MATERIAL AS  
PLASTIC WASTE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. KEEP FROM CONTACT WITH OXIDIZING MATERIALS.  
Other Precautions:AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. MINIMIZE DUST GENERATION AND ACCUMULATION.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT (MFR RECOMMENDS 4-6 ROOM VOLUMES PER HOUR).  
Protective Gloves:REPEATED CONTACT-IMPERVIOUS-LATEX.  
Eye Protection:SAFETY GLASSES IF SPILLED.  
Other Protective Equipment:WASHING FACILITIES.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
MSDS PRESENTED BY CAGE 0YL79 FOR CONTRACT NUMBER SP0450-96-ML323.

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

HCC:N1  
Melt/Freeze Pt:M.P/F.P Text:212F,100C  
Spec Gravity:1.4 - 1.6  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:FINE POWDER, SLIGHT PLASTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:COMBUSTION WILL PRODUCE OXIDES OF CARBON AND POSSIBLE OTHER TOXIC GASES.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

ons =====

Waste Disposal Methods:INCINERATE OR LANDFILL. CAN BE INCINERATED WHEN  
IN COMPLIANCE WITH LOCAL REGULATIONS. DISCHARGE, TREATMENT OR  
DISPOSAL MAY BE SUBJECT TO LOCAL, STATE AND FEDERAL REGULATIONS.

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 a  
ccurate 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.