

KONICA BUSINESS MACHINES USA INC. -- ROYAL TONER 1602MR #PC/UA 943-206 --  
6850-01-239-7609

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

Product ID:ROYAL TONER 1602MR #PC/UA 943-206  
MSDS Date:08/24/1987  
FSC:6850  
NIIN:01-239-7609  
MSDS Number: BGRFJ  
=== Responsible Party ===  
Company Name:KONICA BUSINESS MACHINES USA INC.  
Address:500 DAY HILL ROAD  
City:WINDSOR  
State:CT  
ZIP:06095-1716  
Country:US  
Info Phone Num:  
203-683-2222,EXT 2093  
Emergency Phone Num:800-424-9300  
Preparer's Name:SECURITY AND SAFETY DEPT.  
CAGE:89431

==== Contractor Identification ====  
Company Name:SHIN-ETSU CHEMICAL CO LTD  
Address:6-1, 2-CHOME, OHTEMACHI, CHIYODAKU  
Box:City:TOKYO, JAPAN  
Phone:03-3246-5171  
CAGE:89431

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

Ingred Name:POLYESTER RESIN

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: 7-12%  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:HIGHER FATTY ETHYLENE DIAMIDE

Ingred Name:SILICA, AMORPHOUS, DUST

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 5,000MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NO KNOWN HEALTH OR SAFETY HAZARD WHEN USED AS INTENDED.

Effects of Overexposure:MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

=====  
First

Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. EYE:FLUSH WITH WATER FOR 15 MINUTES. SKIN:WASH WITH SOAP & WATER. INGESTION:GIVE PLENTY OF WATER AND CONSULT PHYSICIAN.

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

Flash Point:NONE

Lower Limits:20 GM/M3 AIR

Extinguishing Media:WATER,FOAM,CO\*2,DRY CHEMICAL

Fire Fighting Procedures:WHEN IN A MACHINE,TREAT AS ELECTRICAL FIRE AND DO NOT USE WATER OR FOAM.

Unusual Fire/Explosion Hazard:

TONER IS A COMBUSTIBLE POWDER.TONER DUST

WHEN DISPERSED INTO THE AIR AT HIGH CONCENTRATIONS CAN FORM EXPLOSIVE MIXTURES.WHEN IGNITED COULD CAUSE EXPLOSIONS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND RECOVER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:KEEP FROM CONTACT WITH OXIDIZING MATERIAL

S.KEEP OUT OF REACH OF CHILDREN.

Other Precautions:NONE.

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

Respiratory Protection:NONE NEEDED IF THERE IS ADEQUATE VENTILATION.

Ventilation:GENERAL TO MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:NONE REQUIRED WHEN USED AS INTENDED.

Eye Protection:NONE REQUIRED WHEN USED AS INTENDED.

Other Protective Equipment:FOR USE OTHER THAN IN NORMAL OPERATING PROCEDURES,GOGGLES,AND RESPIRATORS MAY BE REQUIRED.

Work Hygienic Practic

es:WASH THOROUGHLY AFTER HANDLING.DO NOT BREATHE DUST.

Supplemental Safety and Health

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

HCC:N1

Spec Gravity:1.1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FINE BLACK POWDER WITH SLIGHT MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:DO NOT HEAT ABOVE 392F (200C).

Hazardous Decomposition Products:S

MOKE,CO,CO\*2

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH 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 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.