

KONICA BUSINESS MACHINES U.S.A., INC.(IMPORTER) -- ROYAL TONER 5003ZMR/5503ZMR PC/UA  
945-351 -- 6850-01-235-0930

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

Product ID:ROYAL TONER 5003ZMR/5503ZMR PC/UA 945-351  
MSDS Date:08/24/1987  
FSC:6850  
NIIN:01-235-0930  
MSDS Number: BGRCT  
=== Responsible Party ===  
Company Name:KONICA BUSINESS MACHINES U.S.A., INC.(IMPORTER)  
Address:500 DAY HILL ROAD  
City:WINDSOR  
State:C  
T  
ZIP:06095  
Country:US  
Info Phone Num:203-683-2222 EXT. 2093  
Emergency Phone Num:800-424-9300  
Preparer's Name:SECURITY & 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

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

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/M  
3; 9192

Ingred Name:SILICA, AMORPHOUS, DUST  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 5000MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:AFTER EXTENSIVE TESTING IT HAS BEEN  
DETERMINED THAT THIS PRODUCT REPRESENTS NO KNOWN HEALTH OR SAFETY  
HAZARD.  
Effects of Overexposure:MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR  
AS WITH ANY LGE AMTS OF NON-TOXIC DUST.  
Medical Cond Aggravat

ed by Exposure:NONE KNOWN

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

First Aid:EYES/FLUSH W/WATER 15 MIN;GET MED ATTN. SKIN-WASH W/SOAP &  
WATER. INHAL-REMOVE FROM EXPOSURE. INGEST-DILUTE STOMACH CONTENTS  
W/SEVERAL GLASSES WATER.

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

Flash Point:NONE

Extinguishing Media:WATER,FOAM,CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:WHEN IN A MACHINE,TREAT AS ELECTRICAL FIRE &  
DO NOT USE

WATER OR FOAM.

Unusual Fire/Explosion Hazard:IS A COMBUSTIBLE POWDER;WHEN DISPERSED  
INTO AIR AT HIGH CONCEN CAN FORM EXPLOSIVE MIXTURES. WHEN IGNITED  
THESE MISTURES COULD CAUSE DUST EXPLOSIONS

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

Spill Release Procedures:MINIMIZE DUSTING SITUATION;SWEEP UP OR VACUUM.

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

Handling and Storage Precautions:KEEP FM CONTACT W/OXIDIZING MATLS.

KEEP OUT OF REA

CH OF CHILDREN

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

Respiratory Protection:NONE REQD WHEN USED AS INTENDED

Ventilation:NONE REQD WHEN USED AS INTENDED

Protective Gloves:NONE REQD WHEN USED AS INTENDED

Eye Protection:NONE REQD WHEN USED AS INTENDED

Other Protective Equipment:NONE REQD WHEN USED AS INTENDED

Supplemental Safety and Health

FOR USE OTHER THAN IN NORM OPERATIONS-GOGGLES & RESPIRATORS MAY BE  
REQD.

===== Physical/Chemical Properties =

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HCC:N1

Spec Gravity:1.1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FINE BLACK POWDER W/SLIGHT MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE AVOID  
BREATHING SMOKE.

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

Waste Disposal Methods:NO SPECIAL

PROCEDURES REQD. INSURE CONFORMITY

W/FED,STATE & LOCAL REGS.

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