

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

===== 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:CT

ZIP:06095

Country:US

Info Phone Num:203-683-2222 EXT. 2093

Eme

rgency 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

===== 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/M3; 9192

Ingred Name:SILICA, AMORPHOUS, DUST

CAS:112945-52-5

RTE

CS #: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 Aggravated by Exposure:NONE KNOWN

===== First Aid Me  
asures =====

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 POW  
DER;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 REACH OF CHILDREN

===== Exposure Controls/Personal Protec  
tion =====

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 =====

HCC:N1  
Spec Gravity:1.1  
Solubility in Water:N

EGLIGIBLE

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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