

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: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

===== 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 =

=====

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.

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 fo
r the suitability of this information to their
particular situation.