

KONICA BUSINESS MACHINES U S A INC -- KONICA TONER 4155 PC/UA 947-228 464G --  
6850-01-419-1518

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Product Identification  
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Product ID:KONICA TONER 4155 PC/UA 947-228 464G  
MSDS Date:07/04/1996  
FSC:6850  
NIIN:01-419-1518  
MSDS Number: CHNLK  
=== Responsible Party ===  
Company Name:KONICA BUSINESS MACHINES U S A INC  
Address:500 DAY HILL RD  
City:WINDSOR  
State:CT  
ZIP:06095-1716  
Country:US  
Info Phon  
e Num:203-683-2222/203-683-2402  
Emergency Phone Num:203-683-2222/203-683-2402  
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  
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Ingred Name:STYRENE ACRYLIC RESIN

Ingred Name:COLUMBIA CARBON, CARBON BLACK, LAMPBLACK, BLACK PEARLS  
(IARC GROUP 2B) - \*98-2\*  
CAS:1333-86-4  
RTECS #:FF5800000  
Fra  
ction by Wt: 7-12%  
Other REC Limits:3.5 MG/CUM (NIOSH)  
OSHA PEL:3.5 MG/CUM  
ACGIH TLV:3.5 MG/CUM

Ingred Name:WAX-1

Ingred Name:WAX-3

Ingred Name:AMORPHOUS SILICA GEL, SILICON DIOXIDE \*98-2\*  
CAS:7631-86-9  
Fraction by Wt: 0.5-1.5%

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50(RAT): >5000 MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:INHALATI

ON: MINIMAL RESPIRATORY TRACT

IRRITATION MAY OCCUR. PROLONGED EXPOSURE OF EXCESSIVE DUSTS MAY CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:IRRITATION

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

First Aid:EYES: FLUSH W/PLENTY OF WATER. SKIN: WASH W/WATER & MILD SOAP. INGESTION: WASH OUT MOUTH W/WATER. DRINK 1-2 GLASSES OF WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM  
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES. IF FIRE IS IN MACHINE, TREAT AS AN ELECTRIC FIRE, DON'T USE WATER/FOAM.  
Unusual Fire/Explosion Hazard:COMBUSTIBLE POWDER. DUST AT SUFFICIENT CONCENTRATIONS CAN FORM EXPLOSIVE MIXTURES W/AIR.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. MINIMIZE RELEASE OF PARTICULATES. STOP LEAK W/O RISK. VACUUM/SWEEP MATERIAL, PLACE IN A BAG, HOLD FOR DISPOSAL. USE VACUUM W/HIGH EFFICIENCY PARTICULATE AIR FILTER & SHOULD BE ELECTRICALLY BONDED & GROUNDED TO DISIPATE.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL & DRY PLACE. KEEP AWAY FROM OXIDIZERS & IGNITION SOURCES. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:AVOID DUST GENERATION, DON'T SWEEP DRY. AVOID PROLONGED INHALATION OF EXCESSIVE DUST & CONTACT W/EYES. THIS MATERIAL IS CAPABLE OF CREATING A DUST EXPLOSION. KEEP AWAY FROM HEAT/SPARKS/FLAME.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS. FOR USE OTHER THAN IN NORMAL OPERATING PROCEDURES SUCH AS IN THE EVENT OF LARGE SPILL, RESPIRATOR MAY BE REQUIRED.  
Ventilatio

n:NOT REQUIRED UNDER NORMAL CONDITIONS.  
Protective Gloves:NOT REQUIRED UNDER NORMAL CONDITIONS.  
Eye Protection:USE GOGGLES IN THE EVENT OF LARGE SPILL  
Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:266F  
Spec Gravity:1.1  
Solubility in Water:INSOLUBLE  
Appearance and Odor:FINE BLACK POWDER W/SLIGHT MILD ODOR

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

Stability Indicator/Materials to Avoid:Y  
ES  
OXIDIZERS  
Stability Condition to Avoid:TEMPS >392F, HEAT, SPARKS, FLAME  
Hazardous Decomposition Products:CO, CO2, SMOKE

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

Waste Disposal Methods:DON'T THROW AWAY THE TONER CARTRIDGE INTO THE  
FIRE. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL  
REGULATIONS.

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