

RICOH COMPANY LTD -- 4325 SAVIN BLACK TONER TYPE L2 (RICOH P/N 8 -- 6850-01-346-8259  
===== Product Identification =====

Product ID:4325 SAVIN BLACK TONER TYPE L2 (RICOH P/N 8  
MSDS Date:07/17/1991  
FSC:6850  
NIIN:01-346-8259  
MSDS Number: BRGPH  
=== Responsible Party ===  
Company Name:RICOH COMPANY LTD  
Address:5 DIEDRICK PLACE  
City:WEST CALDWELL  
State:NJ  
ZIP:07006  
Country:US  
Info Phone Num:201-882-2000

Emergency Phone Num:800-336-6737  
CAGE:FO993

=== Contractor Identification ===

Company Name:RICOH CO LTD  
Address:5 DEDRICK PL  
Box:City:CALDWELL  
State:NJ  
ZIP:07006-6304  
Country:US  
Phone:973-882-2000 / 800-336-6737  
CAGE:2Z665

Company Name:RICOH COMPANY LTD  
Address:1-3-6 NAKAMAGOME OTA-KU  
City:TOKYO  
Phone:03-777-8111  
CAGE:FO993

Company Name:SAVIN CORP.  
Address:9 WEST BROAD STREET  
Box:12070  
City:STAMFORD  
State:CT  
ZIP:06904-2270  
Country:US  
Phone:203-967-5000  
CAGE:29382

===== Composition/Inf

Information on Ingredients =====

Ingredient Name: CARBON BLACK  
CAS: 1333-86-4  
RTECS #: FF5800000  
Fraction by Wt: 3.0%  
OSHA PEL: 3.5 MG/M3  
ACGIH TLV: 3.5 MG/M3; 9192

Ingredient Name: ACRYLIC POLYMER  
CAS: 25608-63-7  
Fraction by Wt: 4.0%  
Other REC Limits: NONE SPECIFIED

Ingredient Name: WAX (POLYETHYLENE)  
CAS: 9002-88-4  
Fraction by Wt: 9.0%  
Other REC Limits: NONE RECOMMENDED

Ingredient Name: HYDROTREATED LIGHT PETROLEUM DISTILLATE  
CAS: 64742-47-8  
Fraction by Wt: 35.0%  
Other REC Limits: NONE RECOMMENDED

Ingredient Name: HYDROTREATED HEAVY NAPHTHA  
CAS: 64742-48-9  
Fraction by Wt: 49.0%  
Other REC Limits: NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture: ACUTE ORAL TOXICITY >5000 MG/KG  
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: ACUTE: INHALATION- IRRITATION OF  
RESPIRATORY TRACT, CNS EFFECTS. EYES- IRRITATION. SKIN- IRRITATION.  
INGESTION- STOMACH DISTRESS. CHRONIC: CANCER.  
Explanation of Carcinogenicity: THERE IS INADEQUATE EVIDENCE FOR CARBON  
BLACK TO BE LISTED AS A CARCINOGEN.  
Effects of Overexposure: INHALATION: COUGHING, DIZZINESS, HEADACHES.  
EYES: REDNESS, BURNING SENSATION, TEARING. SKIN: REDNESS, RASH,  
BURNING SENSATION. INGESTION- NAUSEA, VOMITING, CNS EFFECTS.  
Medical Condition Aggravated by Exposure: PEOPLE WITH A SKIN DISORDER SHOULD  
USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

=====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE.  
WASH SKIN WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR &  
RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.  
EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION:GET IMMEDIATE  
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:>144F,>62C

Lower Limits:0.6

Upper Limits:7.0

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER  
FOG.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL  
NEARBY CONTAINERS EXPOSED TO FIRE AND DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

===== Accidental

Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES, VENTILLATE AREA.  
WEAR PEROTECTIVE EQUIPMENT. ABSORB MATERIAL WITH CLAY, VERMICULITE,  
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM ALL IGNITION  
SOURCES. KEEP  
AWAY FROM CHILDREN.

Other Precautions:EMPTY CONTAINERS CONTAIN RESIDUE AND CAN BE  
DANGEROUS. DO NOT APPLY PRESSURE OR EXPOSE CONTAINERS TO SOURCES OF  
IGNITION.

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH APPROVED  
RESPIRATOR, AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR  
CARTRIDGES ARE RECOMMENDED WHEN PEL/TLV IS EXCEEDED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION. USE EXPLOSION PROOF

EQUIPMENT.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID  
PROLONGED AND/OR REPEATED CONTACT. AVOID BREATHING VAPORS.

Supplemental Safety and Health  
FOR USE WITH CLASS II COPIER.

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

HCC:V4

Boiling Pt:B.P. Text:349F,176C

Vapor Pres:1

Spec Gravity:0.80

Evaporation Rate &

Reference:0.04 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE,