

RICOH CORPORATION -- 4346 TONER -- 6850-01-333-4858

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

Product ID:4346 TONER

MSDS Date:10/15/1990

FSC:6850

NIIN:01-333-4858

MSDS Number: BLBFQ

=== Responsible Party ===

Company Name:RICOH CORPORATION

Address:5 DEDRICK PLACE

City:WEST CALDWELL

State:NJ

ZIP:07006

Country:US

Info Phone Num:201-882-2000

Emergency Phone Num:800-336-6737

Preparer's Name:KRISTINA SAGE

CAGE

:54726

=== Contractor Identification ===

Company Name:PAPERGRAPHICS INC

Address:5210 CAPITOL DRIVE

Box:City:WHEELING

State:IL

ZIP:60090-6483

Country:US

Phone:800-323-5006

CAGE:5X817

Company Name:RICOH CORPORATION

Address:5 DEDRICK PLACE

City:WEST CALDWELL

State:NJ

ZIP:07006-6304

Country:US

Phone:800-336-6737

CAGE:54726

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/Informati

on on Ingredients =====

Ingred Name:STYRENE ACRYLIC POLYMER
CAS:26655-10-7
Fraction by Wt: 74%
Other REC Limits:NONE SPECIFIED

Ingred Name:STYRENE, ACRYLATE COPOLYMER
CAS:25213-39-2
Fraction by Wt: 13%
Other REC Limits:NONE SPECIFIED

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 11%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:DYE
CAS:84179-66-8
Fraction by Wt: 5G/KG (NON-TOXIC)
Routes of Entry: Inhalation:YES S
kin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE TEMPORARY EYE
DISCOMFORT. MAY CAUSE SLIGHT IRRITATION ON PROLONGED AND REPEATED
CONTACT WITH THE SKIN. MILDLY IRRITATING. INHALATION: GASPING.
INGESTION: >5G/KG BODYWEIGHT, PRACTICALL Y NON-TOXIC. CHRONIC:
SLIGHT FIBROSIS WAS OBSERVED IN RATS WHO INHALED(PROLONGED) 4 TO 16
MG/M3 OF A SPECIAL TEST TONER.
Explanation of Carcinogenicity:IARC HAS FOUND THE
EVIDENCE FOR THE
CARCINOGENICITY OF CARBON BLACK INADEQUATE TO INDICATE A RISK FOR
HUMANS.

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

First Aid:EYES: TRY TO REMOVE WITH EYE DROPS OR FLUSH WITH WATER. IF
UNSUCCESSFUL, GET MEDICAL ATTENTION. SKIN: WASH THOROUGHLY WITH
SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE. INGESTION: DILUTE
STOMACH C ONTENTS WITH SEVERAL GLASSES OF WATER.

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

==

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

Fire Fighting Procedures:NO SPECIAL FIRE-FIGHTING PROCEDURE IS NECESSARY.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:IF SPILLED, SWEEP UP USING AN APPROVED TONER VACUUM CLEANER WITH A 0.5 MICRON FILTER SUCH AS THE ATRIX AAA TONER VACUUM. USE OF A VACUUM CLEANER NOT RATED FOR TONER PARTICULATE COULD BE A POTENTIAL FI RE HAZARD AND/OR RESULT IN PERSONAL INJURY.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. DO NOT INCINERATE.

Other Precautions:DO NOT HANDLE IN AREAS WHERE WIND BLOWS. FLYING POWDER MAY ENTER EYES. MINIMIZE INHALATION OF DUST.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:MECHANICAL(GENERA L) EXHAUST TO PROVIDE ADEQUATE VENTILATION. LOCAL EXHAUST IS NOT NEEDED UNDER NORMAL CONDITIONS OF USE.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:MINIMIZE BREATHING DUST. CLEANSE SKIN THOROUGHLY AFTER CONTACT, BEFORE BREAKS AND MEALS, AND AT THE END OF WORK PERIODS.

Supplemental Safety and Health

IDENTIFIED ON MSDS AS 7250/7120/7500 TONER (BLACK). ALSO, SAVIN PRODUCT CODE - 7802.

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

HCC:N1

Spec Gravity:0.34

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK POWDER, ODORLESS

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER DECOMPOSITION PRODUCTS IN THE CASE OF INCOMPLETE COMBUSTION.

===== Disposal Considerations

=====

Waste Disposal Methods:USED TONER SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS. DISPOSAL REGULATIONS VARY FROM LOCALITY TO LOCALITY, THEREFORE, CONSULT YOUR LOCAL OFFICE OF THE EPA TO DETERMINE PROPER METHODS.

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 for the suitability of this information to their particular situation.