



MATERIAL SAFETY DATA SHEET

MSDS: 9312014000 US

Date Prepared: November 30, 1993

Date Revised: 1 Jul 95; 15 May 96

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: *TONER*
 KONICA DRUM 2028/2125/3035/4045/2225/3130
 4155/4255/3135/4145/2130/1031
 KONICA DRUM 1015/1120 /1212

Product Code: PC/UA:947-513
 PC/UA:947-124

Sizes: 80mm x 370mm
 60mm x 379mm

Company Name:
 Konica Business Machines U.S.A., Inc.
 500 Day Hill Road, Windsor, Ct. 06095, U.S.A.

Emergency Telephone Number:
 CHEMTREC 1-800-424-9300

Additional Information: 860 -683-2402 x 2037

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT(S)</u> | <u>CAS#</u> | <u>WL%</u> | <u>OSHA PEL</u> | <u>ACGIH TLV (1992, 1981)</u> |
|----------------------|---------------------|---------------------|------------------|-------------------------------|
| Substrate(Cylinder) | | | | |
| Aluminium | 7429-90-5 | >95 | 15mg/m3 | 10mg/m3 |
| Coating | | <5 | | |
| Polycarbonate | <u>Trade Secret</u> | <u>Trade Secret</u> | None established | None established |
| OPC compound | <u>Trade Secret</u> | <u>Trade Secret</u> | None established | None established |
| Organic pigment | <u>Trade Secret</u> | <u>Trade Secret</u> | None established | None established |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The organic film is firmly stacked on cylinder. Do not lift.

POTENTIAL HEALTH EFFECTS

Eye Effects: None currently known.

Skin Effects: None currently known.

Ingestion Effects: None currently known.

Inhalation Effects: None currently known.

Chronic Effects/Carcinogenicity:

No identified health effects.

None of the components in this material is listed by OSHA or ACGIH as a carcinogen.

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4. FIRST AID MEASURES

Eye: Not applicable.

Skin: Not applicable.

Ingestion: Not applicable.

Inhalation: Not applicable.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Method Used: Not applicable.

Flammable Limits: Not applicable.

Autoignition Temperature: Not applicable.

Flammability Classification: Not applicable.

Unusual Fire and Explosion Hazard:

None and non-explosive.

Extinguishing Media:

Use appropriate agent for surrounding fire.

Fire Fighting:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. If fire is in the machine treat as an electric fire, do not use water or foam.

Hazardous Combustion Products:

None.

6. ACCIDENTAL RELEASE MEASURES

Spill and Leakage Procedures:

Not applicable.

7. HANDLING AND STORAGE

Handling:

None.

Prevention of Fire and Explosion:

None.

Storage:

Avoid exposure to high temperatures.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Not required.

Respiratory Protection:

Not required.

Skin Protection: Not required.

Eye Protection: Not required.

Exposure Standards: See Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: The organic film is firmly stacked on cylinder.
Odor: Odorless.
pH: Not applicable.
Vapor Pressure: Not applicable.
Vapor Density(Air=1): Not applicable.
Evaporation Rate: Not applicable.
Boiling Point: Not applicable.
Melting Point: Not applicable.
Solubility: Insoluble in water.
Specific Gravity(H₂O=1): 1.2(coating), 2.7 as a whole.

10. STABILITY AND REACTIVITY

Stability: Stable except above 200°C(392°F).

Conditions to Avoid: Temperatures above 200°C(392°F).

Incompatibility: Strong acids and Strong alkalis.

Hazardous Decomposition Products:

None.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION:

Product

Acute oral toxicity LD50: >5000 mg/kg(rat)

Acute inhalation: Not applicable.

Eye irritation: Not applicable.

Skin irritation: Not applicable.

Skin sensitization: Not applicable.

Mutagenicity: Ames test Negative.

Carcinogenicity: Not known to be carcinogen.

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12. ECOLOGICAL INFORMATION:

This chemical formulation has not been tested for environmental effects.

13. DISPOSAL CONSIDERATIONS:

Waste drum do not contain any dangerous substances, therefore, they should be disposed of in the same manner as waste metal or plastic.

14. TRANSPORT INFORMATION:

UN CLASS: Not regulated.

DOT CLASS: Not regulated.

TDG CLASS: Not regulated.

15. REGULATORY INFORMATION:

OSHA Hazard Communication Standard, 29CFR 1910.1200:

This product is not considered hazardous under this standard.

CERCLA (Comprehensive Environmental Response Compensation and Liability Act):

None

SARA Title III (Superfund Amendments and Reauthorization Act)

302 Extreme Hazardous Substance: None

311/312 Hazard Categories: None

313 Reportable Ingredients: None

TSCA (Toxic Substance Control Act):

All chemical substances in this product comply with all applicable rules or order under TSCA.

California Proposition 65:

This product contains no chemical substances subject to California Proposition 65.

16. OTHER INFORMATION:

HMIS Hazard Rating

Health: 0

Flammability: 0

Reactivity: 0

Prepared by

Konica Corporation

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Shinjuku-ku, Tokyo 163-05, Japan

The above information is believed to be accurate and represents the best information currently available to Konica Corporation. However, Konica Corporation makes no warranty with respect to such information, and Konica Corporation assumes no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.