



Safety Data Sheet (ISO form)

Date Prepared 07-02-2005

1. Product and Company Identification

Product Name : infotec Toner Yellow 2428/I -HY-

Company Name : Ricoh Company, Ltd.

Department : Environment Safety Center, Corporate Environment Division

Address : 146-1 Nishisawada, Numazu-shi, Shizuoka-ken, 410-0007 Japan

Telephone Number : 055-920-1471, Japan

Emergency Telephone Number : 055-920-1471, Japan

Telefax Number : 055-920-1479, Japan

2. Composition/Information on Ingredients

Substance or Preparation

Preparation

Chemical Nature

Ingredients	CAS.No.	Contents(%)
Polyester Resin	Confidential	>70
Organic Pigment	68516-73-4	<10
Wax	Confidential	<10
Silica	7631-86-9	<10

3. Hazards Identification (Most Important Hazard)

Adverse Human Health Effects

Not applicable in normal use.

Carcinogenicity

This product does not contain the carcinogenic substances which are listed in NTP, IARC and are regulated by OSHA.

Environmental Effects

Not applicable in normal use.

Physical and Chemical Hazards

Not applicable in normal use.

The Classification of The Chemical Product

Not applicable

4.First-Aid Measures

Inhalation

Gargle with water, move to place in fresh air. If unsuccessful,get medical attention.

Skin Contact

Wash thoroughly with soap and water.

Eye Contact

Immediately wash eyes with plenty of water.If unsuccessful,get medical attention.

Ingestion

Dilute stomach contents with several glasses of water.If unsuccessful,get medical attention.

5.Fire-Fighting Measures

Extinguishing Media

CO2,dry chemicals,foam or water.

Specific Method

Generally by sprinkling or extinguisher.

6.Accidental Release Measures

Personal Precautions

Minimize inhalation of dust.

Environment Precautions

Keep product out of sewers and watercourses.

Methods for Cleaning Up

If spilled, sweep up or pick up by vacuum cleaner(rated for toner extraction)

7.Handling and Storage

Handling(technical measures,precautions,safe handling material)

Do not handle in areas where wind blows.

Flying powder may enter eyes.

Minimize breathing dust.

Storage(technical measures,storage conditions,packaging material)

Avoid direct sunlight.

Do not keep this over 35 degrees centigrade.

Keep out of reach of children.

8.Exposure Controls/Personal Protection

Respiratory Protections

[None required under normal conditions of use.](#)

Hand Protection

[None required under normal conditions of use.](#)

Eye Protection

[None required under normal conditions of use.](#)

Skin and Body Protection

[None required under normal conditions of use.](#)

9.Physical and Chemical Properties

Physical State

Form :[Powder](#)

Color:[Yellow](#)

Odour:[Slightly plastic odor](#)

Information

pH :[not applicable](#) Measuring Temp.(·C) :-

Boiling Point(·C) :[not applicable](#)

Flash Point(·C) :[not applicable](#)

Explosion Properties(·C) :[This product is considered a nonexplosive material under normal use condition.](#)

Vapor Pressure(Pa) :[not applicable](#) Measuring Temp.(·C) :-

Vapor Density(AIR=1) :[not applicable](#)

Density (g/cm3) :[Approx. 1.2](#) Measuring Temp.(·C) :[25](#)

Solubility

Water Solubility(g/L) :[Insoluble](#)

Water Solubility Measuring Temp.(·C) :[25](#)

Other Solvent name :-

Other Solvent Solubility(g/L) :-

Other Solvent Solubility Measuring Temp.(·C):-

Octanol/Water Partition Coefficient

[not known](#)

10.Stability and Reactivity

Conditions to Avoid

[Not applicable in normal use.](#)

Materials to Avoid

[Not applicable in normal use.](#)

Hazardous Decomposition Products

[Decomposition product will not occur](#)

11.Toxicological Information

Acute Toxicity

Acute Oral Toxicity

[Rat:·5000mg/kg](#)

Acute Dermal Toxicity

[:not available](#)

Acute Inhalation Toxicity

[:not available](#)

Sensitization

Acute Skin Irritation(PII) [:·1.0\(None of hazardous situation will be caused under normal use condition.\)](#)

Acute Eye Irritation [:·slightly irritant\(Based on other product test results of similar ingredients.\)](#)

Acute Allergenic Effects [:0%\(None skin sensitization.\)](#)

Specific Effects

Carcinogenicity:

[No data is available on this product.](#)

Mutagenicity:[negative\(Ames test\)](#)

Effects on The Reproductive System:[No data is available on this product.](#)

Teratogenic [:None of ingredients is substance on hazardous characteristics list of teratogenicity.](#)

12.Ecological Information

Persistence/Degradability:[not known](#)

Bioaccumulation

[Not known in bioaccumulation.](#)

Ecotoxicity

Acute Toxicity for Fish (LC50) [:LC50>100mg/l \(mg/kg/96hr\)](#)

Acute Toxicity for Daphnia (EC50) [:EC50>100mg/l \(mg/kg/48hr\)](#)

Algae Inhibition Test (IC50) [:EC50>100mg/l \(mg/kg/72hr\)](#)

13.Disposal Consideration

Recommended Methods for Safe Environmentally Preferred Disposal

[Used toner should be disposed of in an environmentally appropriate manner and in accordance with governmental regulations. Do not incinerate.](#)

14. Transport Information

International Regulations

RID/ADR: [not applicable](#)

DOT 49 CFR: [not applicable](#)

ADNR : [not applicable](#)

IMDG Code : [not applicable](#)

ICAO-TI/IATA-DGR : [not applicable](#)

The UN Classification Number: [not applicable](#)

Specific Precautionary Transport Measures

[Avoid direct sunlight. Do not keep this over 35 degrees centigrade.](#)

Specific Materials to Avoid

[None in normal use.](#)

15. Regulation Information

Regulations

[TSCA \(Toxic Substances Control Act\)](#)

16. Other Information

not known