

# MATERIAL SAFETY DATA SHEET

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## Section 1. Chemical Product & Company Identification:

MSDS#

Item#/Description

TMC-CP YELLOW TONER  
for use in printer

Manufacture' Name

IMEX CO., LTD

Address

1630-8 Mitsutakatsu, Kita  
Okayama 709-2124 Japan

Emergency Phone Number 8:30~17:00

+81-867-24-4402

Telephone Number

+81-867-24-4402

e-mail address

akiyama@imex-net.co.jp

Date Prepared

Jan. 13. 2012

Date Revised

July 11. 2012

## Section 2. Hazard identification:

Primary routes of Entry : Inhalation of dust, skin contact.

Hazardous property : None

Environmental impact : None

GHS : N/A

Signs and Symptoms of Exposure : Irritation of eyes and respiratory tract may occur in heavy dust conditions.

Medical Conditions Generally Aggravated by Exposure : None known

## Section 3. Composition/Information on ingredients:

Ingredients	Percent(%)	CAS Number	REACH Registered Number	ACGIH TLV
Saturated Polyester Resin	80-95	Registered	Pre-registered	N/A
Pigment	2-8	Registered	Pre-registered	N/A
Wax	1-5	Registered	Pre-registered	N/A
Metal-Complex Dye	< 1	Registered	Registered	N/A
Silica	1-5	Registered	Pre-registered	N/A

## Section 4. First Aid Measures:

Immediate medical procedures

None

First Aid: Eyes

Flush with water. If irritation persists, get medical attention.

First Aid: Skin

Wash thoroughly with soap and water.

First Aid: Inhalation

Remove from exposure. Gargle with water.

First Aid: Ingestion

Dilute stomach contents with several glasses of water.

First Aid: Additional Info

None.

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## Section 5. Fire-fighting measures:

Suitable Extinguishing Media

Unsuitable Extinguishing Media for safety reasons

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

NFPA Rating Health Hazard  Flammability  Instability  Sprcial Hazards

## Section 6. Accidental Release Measures:

**Precaution for human** : When working, the protection tool such as the antidust masks is used if necessary.  
**Precaution for environment** : The leakage to a sewer or a river is prevented.  
**Prevention of second disaster** : Take up avoiding formation of dust.  
**Methods for cleaning up** : Vacuum or sweep up as with any non-toxic powder, when spilling it.

## Section 7. Handling and Storage

Handling

Storage

Other

## Section 8. Exposure Controls/Personal Protection:

Exposure limit values

Ventilation

Respiratory Protection

Protective Gloves

Eye Protection

Skin Protection

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TMC-CP YELLOW TONER

## Section 9. Physical & Chemical Information:

Description	Appearance: Powder Color: Yellow Odor: Faint odor pH: N/A		
Melting Point	>100°C	Specific Gravity	1.0-1.5
Boiling Point	N/A	Solubility in Water	Insoluble
Flash Point	N/A	Spontaneous ignition temperature	N/A
Explosive Limits	LEL:N/A, UEL:N/A	Evaporation Rate	N/A
Vapor Pressure	N/A	Oxidation nature	N/A
Vapor Density(Air=1)	N/A	Viscosity	N/A
Octanol-water partition coefficient	N/A		

## Section 10. Stability and Reactivity:

Stability	Stable	Conditions to Avoid	None
Hazardous Decomposition	None	Materials to Avoid	None

## Section 11. Toxicology Information:

**Irritation Eye** : Not classified as irritant, according to Directive 67/548/EEC.(data from similar toner)  
**Skin** : Not classified as irritant, according to Directive 67/548/EEC.(data from similar toner)  
**Reproductive toxicity** : No data  
**Skin sensitization** : Not classified as a skin sensitizer, according to Directive 67/548/EEC (data from similar toner)  
**Inhalation toxicity** : LC<sub>50</sub> ; inh-rat>5.19mg/L/4 hours, (data from similar toner) ,not harmful.  
**Oral toxicity** : LD<sub>50</sub>>2500mg/kg body weight, not harmful. (data from similar toner)  
**Aspiration hazard** : No data  
**Carcinogenicity** : NTP → No  
IARC → No  
OSHA → No  
TRGS 905 → No  
**Mutagenicity** : Ames test Negative (According to the test of similar composition)

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## Section 12. Ecological Information:

**Ecotoxicity** : Algae/Pseudokirchneriella subcapitata: ErL50(0-72h) > 100 mg/l (WAF) (data from similar toner)  
**Mobility** : No Data  
**Persistence and degradability** : No Data  
**Bioaccumulative potential** : No Data  
**Results of PBT assessment** : No Data  
**Other adverse effects** : None

## Section 13. Waste Disposal Considerations:

Dispose according to federal, state and local regulation.

## Section 14. Transportation Information:

**UN Number:** N/A  
**UN Shipping Name:** N/A  
**UN Classification:** N/A  
**UN Packing Group:** N/A  
**Marine Pollutant:** N/A  
**Special Precautions:** The container is sealed up.  
Keep dry.

## Section 15. Regulatory Information:

•All components are listed on TSCA Inventory (USA) and METI list (Japan).  
•Labelling according to EU Directive 1999/45/EC  
R & S Phrases : Not required  
Hazard symbol : Not required

## Section 16. Other Information

This MSDS was prepared according to REACH (EC No.1907/2006) Annex II .