

# MATERIAL SAFETY DATA SHEET

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<b>Section 1. Chemical Product &amp; Company Identification:</b>		MSDS#
Item#/Description	TMC-CP BLACK TONER for use in printer	
Manufacture' Name	IMEX CO., LTD	Emergency Phone Number 8:30~17:00 +81-867-24-4402
Address	1630-8 Mitsutakatsu, Kita Okayama 709-2124 Japan	Telephone Number +81-867-24-4402
		e-mail address akiyama@imex-net.co.jp
	Date Prepared Jan. 13, 2012	Date Revised July 11, 2012

<b>Section 2. Hazard identification:</b>
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

<b>Section 3. Composition/Information on ingredients:</b>				
Ingredients	Percent(%)	CAS Number	REACH Registered Number	ACGIH TLV
Saturated Polyester Resin	80-95	Registered	Pre-registered	N/A
Carbon black	2-8	1333-86-4	Pre-registered	3.5mg/m <sup>3</sup>
Wax	1-5	Registered	Pre-registered	N/A
Metal-Complex Dye	< 1	Registered	Registered	N/A
Silica	1-5	Registered	Pre-registered	N/A

<b>Section 4. First Aid Measures:</b>	
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 BLACK TONER

## Section 9. Physical & Chemical Information:

Description	Appearance: Powder Color: Black 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.  
**Aspiration hazard** : No data  
**Carcinogenicity** : NTP → No  
IARC → No  
OSHA → No  
TRGS 905 → No  
**Mutagenicity** : Ames test Negative (According to the test result of similar composition)

