

MATERIAL SAFETY DATA SHEET

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

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| 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 |
| Carbon black | 2-8 | 1333-86-4 | Pre-registered | 3.5mg/m ³ |
| Wax | 1-5 | Registered | Pre-registered | N/A |
| Metal-Complex Dye | < 1 | Registered | Registered | N/A |
| Silica | 1-5 | Registered | Pre-registered | N/A |
| | | | | |
| | | | | |
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|---------------------------------------|--|
| 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 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 : LC₅₀ ; inh-rat>5.19mg/L/4 hours, (data from similar toner) ,not harmful.
Oral toxicity : LD₅₀>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)

