

MATERIAL SAFETY DATA SHEET

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Section 1. Chemical Product & Company Identification:

MSDS#

Item#/Description

TMC BLACK TONER

Manufacture' Name

IMEX CO., LTD

Address

1630-8 Mitsutakatsu
Okayama 709-2124 Japan

Emergency Phone Number

+81-463-23-0591

Telephone Phone Number

+81-867-24-4402

Date Prepared

Oct. 5, 2005

Date Revised

Jul. 12, 2007

Section 2. Composition/Information on ingredients:

Ingredients	Percent(%)	CAS Number	OSHA PEL	ACGIH TLV
Saturated Polyester Resin	80-95	Registered	N/A	N/A
Magnetite	2-8	1333-86-4	N/A	N/A
Polypropylene Wax	0.5-5	Registered	N/A	N/A
Metal-Complex Dye	0.5-2	Registered	N/A	N/A
Silica	0.5-4	Registered	N/A	N/A
NO HAZARDOUS MATERIALS PRESENT				

Section 3. Hazard identification:

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

Hazardous property : None

Environmental impact : None

GHS : None

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 4. First Aid Measures:

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:

Extinguishing
Media

Water Fog, Foam, Dry Chemical, Co₂

Special Fire
Fighting Procedures

Avoid inhalation of smoke. Wear MSHA/NIOSH self contained breathing apparatus.
Cool fire exposed containers with water spray.

Unusual Fire and
Explosion Hazards

Like many finely divided materials, toner dust, in high concentrations can form an explosive mixture in air.

NFPA Rating

Health

0

Flammability

1

Reactivity

0

Special Notice

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.

Section 7. Handling and Storage

Handling

Vacume or sweep up as with any non-toxic powder.

Fire & Explosion
Prevention

Do not store next to strong oxidizers. Store in a cool, dry location.
Eye protection and respirators may be required for bulk handling.

Storage

Avoid excessive exposure to heat.

Section 8. Exposure Controls/Personal Protection:

Ventilation

Local exhaust ventilation recommended.

Respiratory Protection

None required when product is used as intended.

Protective Gloves

None required when product is used as intended.

Eye Protection

None required when product is used as intended.

Protective Clothing

None required when product is used as intended.

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Section 9. Physical & Chemical Information:

Description
Appearance: Black powder
Color: Black
Odor: Faint odor
pH: N/A

Melting Point 100°C<

Specific Gravity 0.9-1.4

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

Vapor Pressure N/A

Evaporation Rate N/A

Vapor Density(Air=1) N/A

Section 10. Stability and Reactivity:

Stability Stable

Conditions to Avoid N/A

Incompatibilities
None with common materials with which the product may reasonably come into contact.

Hazardous Decomposition
None

Hazardous Polymerization
This product will not polymerize.

Station 11. Toxicology Information:

Acridity Eye : No data
Skin : No data
Reproductive toxicity : No data
Sensitizing property Skin : No data
Acute toxicity : No data
Aspiration hazard : No data
Carcinogenicity : NTP → No
IARC → No
OSHA → No
TRGS 905 → No
Mutagenicity : Ames test Negative

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Section 12. Ecological Information:

Ecotoxicity : No Data
Degradable : No Data
Accumulation : No Data

Section 13. Waste Disposal Information:

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 67/548/EEC
R & S Phrases : Not required
Hazard symbol : Not required
•SARA/EPCRA(USA) : Does not contain any components.
•Califoenia Peoposition 65 : Does not contain any components.
•DSL/NDSL (Canada) : Yes.
•EINECS/ELINCS(Europe) : Yes.
•ENCS(Japan) : Yes
•AICS(Australia) : Yes.
•ECL(Korea) : Yes.
•IECSC(China) : Yes
•PICCS(Philippines) : Yes.
•WHMIS Hazard Class(Canada) : Not WHMIS Control – manufactured article

Section 16. Other Information

None.