

845-29X

## MATERIAL SAFETY DATA SHEET

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|                                                      |                                                                       |                        |
|------------------------------------------------------|-----------------------------------------------------------------------|------------------------|
| Section 1. Chemical Product & Company Identification |                                                                       | MSDS#                  |
| Item#/Description                                    | HF-056M TONER                                                         |                        |
| Manufacture' Name                                    | IMEX CO., LTD                                                         | Emergency Phone Number |
| Address                                              | 1630-8 Takatsu<br>Mitsu-cho Mitsu-gun<br>Okayama-Pref. 709-2124 Japan | 0463-23-0591           |
|                                                      |                                                                       | Telephone Phone Number |
|                                                      |                                                                       | 0867-24-4402           |
|                                                      |                                                                       | Date Prepared          |
|                                                      |                                                                       | Jun. 26, 2000          |
|                                                      |                                                                       | Date Revised           |
|                                                      |                                                                       | May. 26, 2003          |

|                                                    |            |             |                    |     |
|----------------------------------------------------|------------|-------------|--------------------|-----|
| Section 2. Composition/Information on Ingredients: |            |             |                    |     |
| Ingredients                                        | Percent(%) | CAS Number  | OSHA PEL ACGIH TLV |     |
| Stylene Acrylate Copolymer                         | 43-53      | 25036-16-2  | N/A                | N/A |
| Magnetite                                          | 40-50      | 1317-61-9   | N/A                | N/A |
| Ethylene Propylene Copolymer                       | 0.5-5      | 9010-79-1   | N/A                | N/A |
| Metal-Complex Dye                                  | 0.1-3      | 104815-18-1 | N/A                | N/A |
|                                                    |            |             |                    |     |
|                                                    |            |             |                    |     |
|                                                    |            |             |                    |     |
|                                                    |            |             |                    |     |
| NO HAZARDOUS MATERIALS PRESENT                     |            |             |                    |     |

|                                                     |                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------|
| Section 3. Health Hazard Information:               |                                                                              |
| Routes of Entry                                     | Not expected if use as intended. See Below.                                  |
| Eyes                                                | Yes                                                                          |
| Skin                                                | Yes                                                                          |
| Inhalation                                          | Yes                                                                          |
| Ingestion                                           | Yes                                                                          |
| Chronic Health Hazard Comments                      | None known health hazard when used as intended in a copier/printer machine.  |
| Carcinogenicity                                     | No                                                                           |
| NTP?                                                | No                                                                           |
| IARC Monographs?                                    | No                                                                           |
| OSHA Regulated?                                     | No                                                                           |
| 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                                                                   |

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Item #/Description **HF-056M TONER****Section 4. Emergency and First Aid Procedures**

Remove from exposure.

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.

**Section 5. Fire and Explosion Hazard Information:**

Explosive Limits LEL: N/A, UEL: N/A

Flash Point (Method Used) N/A

Comments N/A

Extinguishing Media Water Fog, Foam, Dry Chemical, CO<sub>2</sub>

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

Unusual Fire Explosion Hazards This material has no unusual fire or explosion hazards.

**Section 6. Accidental Release Measures:**

Take up avoiding formation of dust.

**Section 7. Safe Handling and Storage**

Handling Vacuum or sweep up as with any non-toxic powder.

Fire &amp; 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.

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HF-056M TONER

## Section 8. Control/Personal Protection Information:

Respiratory  
Protection

None required when product is used as intended.

Ventilation:  
Local Exhaust

Office conditions.

Mechanical

Normal office conditions.

Special

None.

Other

None.

Protective Gloves

None required when product is used as intended.

Eye Protection

None required when product is used as intended.

Other Protective  
Clothing Equipment

None required when product is used as intended.

Work and Hygienic  
Practices

Avoid breathing dust if sample is spilled.

## Section 9. Physical &amp; Chemical Information:

Boiling Point

N/A

Specific Gravity

1.3-1.8

Vapor Pressure

N/A

Vapor Density(Air=1)

N/A

Melting Point

&gt;110°C

Evaporation Rate

N/A

Solubility In Water

Insoluble

Appearance and Odor

Black Powder, Faint Odor

## Section 10. Reactivity Information:

Stability

Stable

Conditions to Avoid

N/A

Incompatibility

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

Hazardous

None

Hazardous

Will not occur

Decomposition

Polymerization

Byproducts

## Station 11. Toxicology Information:

Acridity eye : None

skin : None

Corrosion : None

Sensitizing property : None

Acute toxicity : None

Subacute : None

Chronic toxicity : None

Carcinogenicity : None

Mutagenicity : Ames test Negative

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Item#/Description **HF-056M TONER****Section 12. Ecological Information:**

Degradable : None  
Accumulation : None  
Ecotoxicity : None

**Section 13. Waste Disposal Method:**

Dispose according to federal, state and local regulation.

**Section 14. Transportation Information:**

The container is sealed up.  
Not dangerous cargo.  
Keep dry.

**Section 15. Regulatory Information:**

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

**Section 16. Other Information**

None.