

## Section 1 BASIC INFORMATION

Product Name : Magnetic powder, Fe-Si-Al powder.

Manufacturer : HIMAG MAGNETIC CORPORATION

24-1, Chien Kuo Road, Nei-Pu Industrial Dist, Ping Tung 91252

Taiwan, R.O.C.

TEL: 886(8)778-0222

FAX: 886(8)778-0225

Internet: <http://www.himag.com.tw/>

## Section 2 INFORMATION ON INGREDIENTS

Chemical	CAS Number	Weight %
Iron (powder)	7439-89-6	Balance
Silicon (powder)	7440-21-3	<15%
Aluminum (powder)	7429-90-5	<10%
Oxygen	7782-44-7	<3%
Carbon	7440-44-0	<3%
Sulphur	7704-34-9	<3%
Total	---	100%

## Section 3 HAZARD IDENTIFICATION

**Inhalation:** Non-irritating under normal usage.

**Eyes:** Will irritate eyes

**Skin:** May dry skin.

**Ingestion:** Maybe harmful.

## Section 4 FIRST AID MEASURES

**Inhalation:** Move to fresh air and contact a physician if necessary.

**Eye Contact:** Flush eyes with large amounts of water for 15 minutes or until irritation subside. If irritation persists, get medical attention.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Go to see a doctor.

## Section 5 FIRE FIGHTING MEASURES



**Flash Point & Method:** Unknown  
**Fire Fighting Instructions:** Unknown  
**Extinguishing Media:** Water, Foam  
**Fire Fighting Equipment:** Unknown

## **Section 6 ACCIDENTAL RELEASE MEASURES**

**Land spill:** Place spilled material in to appropriate waste containers for disposal in accordance with local regulations.

## **Section 7 HANDLING AND STORAGE**

Storage Temperatures: Ambient  
Storage Pressure: Atmospheric  
General: Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

## **Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION**

Engineering Controls: Local Exhaust ventilation acceptable  
Personal Protection:  
**Respirator:** Necessary.  
**Hand Protection** Necessary  
**Eye Protection:** Necessary.

## **Section 9 PHYSICAL AND CHEMICAL PROPERTIES**

Bulk Density (g/cm <sup>3</sup> )	2.9
pH	NA
Boiling Point	NA
Freezing Point	NA
Solids	NA
Vapor Density (Air=1)	NA
Physical State	Solid
Evaporation Rate (H <sub>2</sub> O=1)	1 est
Solubility in Water	Miscible



Molecular Weight	NA
Viscosity	NA
Non-Exempt VOC (g/l)	NA
Odor	No odor

## **Section 10 STABILITY AND REACTIVITY**

**General:** Stable.

**Incompatible Materials and Conditions to Avoid:** It should be avoided over 2650°F

**Hazardous Decomposition:** NA

## **Section 11 TOXICOLOGY INFORMATION**

No Information.

## **Section 12 ECOLOGICAL INFORMATION**

Information not available.

## **Section 13 DISPOSAL CONSIDERATIONS**

No Information.

## **Section 14 TRANSPORTATION INFORMATION**

No Information.

## **Section 15 REGULATORY INFORMATION**

No Information.

## **Sections 16 OTHER INFORMATION**

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.