

MATERIAL SAFETY DATA SHEETMAGNAVIS[®] Magnetic Particle 1 GRAY**1. IDENTIFICATION**

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60026
Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).
Product Use: Dry method magnetic particle inspection.
Packages: 1 lb. plastic jar, 10 lb., and 45 lb. plastic pails.
NFPA Rating: Health 1, Flammability 0, Reactivity 0.
PIN (Canada): None
Revision Date: April 16, 2008

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
NONE						

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****Dusty and gritty powder which can mechanically irritate the eye and respiratory tract.****POTENTIAL HEALTH EFFECTS**

Skin Contact: Avoid prolonged skin contact
Eyes: Gritty material may scratch eyeball
Inhalation: Over exposure by inhalation may cause respiratory irritation.
Ingestion: Unknown
Medical conditions known to be aggravated by exposure to product: Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

4. FIRST AID

Skin Contact: Wash with soap and water, use soothing lotion.
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: .Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting.
NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. FIRE HAZARD

Conditions of flammability: None
Flash point: None
Flammable limits in air: None
Extinguishing media: None
Special fire fighting procedures: None
Hazardous combustion products: None
Unusual fire hazards: None

6. ACCIDENTAL RELEASE MEASURES

Sweep up. (For disposal, see Section 13).

7. HANDLING AND STORAGE

Avoid breathing dust.
Keep dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: None.
Personal protection: Respirator with filter if sprayed in enclosed, unventilated space.

9. **PHYSICAL PROPERTIES**

Initial boiling point (bulk): Not applicable *Vapor pressure:* Not applicable
Percent volatile: None *Vapor density:* Not applicable
Density/sp. gravity: 3.0 - 4.0 *Evaporation rate:* Not applicable
Water solubility: 0 *Appearance:* Gray dusty powder
pH: Neutral *Odor:* None

10. **STABILITY AND REACTIVITY**

Stability: Stable
Incompatibility: Acids
Hazardous decomposition products: None
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit value: 5 mg/m³ for respirable dust.
WHMIS information (Canada): According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. **ECOLOGICAL INFORMATION**

No data is available on 1 Gray.

13. **DISPOSAL**

Dispose of as ordinary waste.

RCRA: Not a hazardous waste
U.S. EPA Waste Number: None

14. **TRANSPORTATION**

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

Proper shipping name: Bulk
Hazard class or division: None, not restricted
Identification No.: None
Packing Group: None

15. **REGULATORY INFORMATION**

TSCA: All ingredients are listed in TSCA inventory.
CERCLA: Not reportable
SARA TITLE III, Section 313: No reportable ingredients
California Proposition 65: Contains nothing on this list
WHMIS Class (Canada): Not a controlled product.

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

Revision Statement: Review
Supersedes: MSDS dated April 12, 2005

Prepared by: Tamie Simmons, R&D Manager