



01-1780-69

A Division of Illinois Tool Works Inc.

MATERIAL SAFETY DATA SHEET

MAGNAFLUX® MAGNETIC PARTICLE 8A RED

1. IDENTIFICATION

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60025
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, 7 lb., 25 lb., and 45 lb. plastic pails.
NFPA Rating: Health 1, Flammability 0, Reactivity 0.
PIN (Canada): None
Revision Date: November 12, 2003

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>
Iron oxide	5-10	1309-37-1	5 mg/m ³	5 mg/m ³	>5g/kg(oral/rat)	not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Dusty and gritty powder which can mechanically irritate the eye.

POTENTIAL HEALTH EFFECTS

Skin Contact: Avoid prolonged skin contact
Eyes: Gritty material may scratch eyeball
Inhalation: Not significant
Ingestion: Unknown
Medical conditions known to be aggravated by exposure to product: None

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: None.
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.

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9. PHYSICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	Acids
<i>Hazardous decomposition products:</i>	None
<i>Reactivity:</i>	None

11. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value:</i>	5 mg/m ³ for respirable dust.
<i>WHMIS information (Canada):</i>	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 8A Red.

13. DISPOSAL

Dispose of as ordinary waste.

<i>RCRA:</i>	Not a hazardous waste
<i>U.S. EPA Waste Number:</i>	None

14. TRANSPORTATION

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

	<u>Bulk</u>
<i>Proper shipping name:</i>	None, not restricted
<i>Hazard class or division:</i>	None
<i>Identification No.:</i>	None
<i>Packing Group:</i>	None

15. REGULATORY INFORMATION

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

<i>Revision Statement:</i>	Section 3 and 4
<i>Supersedes:</i>	MSDS dated October 26, 2001
<i>Prepared by:</i>	Tamie Simmons, R&D Manager