

BRUSH RESEARCH MANUFACTURING CO., INC. MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name (as Labeled) **MAGNATEST INSPECTION POWDER, GRAY**

Chemical Names, common names **IRON**

Manufacturer's name **BRUSH RESEARCH MFG. CO., INC.**
 Address **4642 East Floral Dr., Los Angeles,
 CA 90022**

Emergency Phone **213-261-2193**
 Business Phone **213-261-2193**

Date Prepared 6/2/98

II. HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Exposure Limits in Air</u>		
		<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>OTHER</u>
Iron	65997-19-5	10mg/m ³		

III. PHYSICAL PROPERTIES

Vapor Density	no information available
Specific Gravity	7.86
Solubility in Water	not soluble
Vapor pressure, mmHg at 20C	1MM
Evaporation rate (butyl acetate =1)	no information available
Appearance and order	light to dark grey fine powder - no odor
Melting point or range, °F	no information available
Boiling point or range, °F	5432° F

IV. FIRE AND EXPLOSION

Flash Point, °F (give method)	N/A
Autoignition temperature, °F	N/A
Flammable limits in air, volume %.	Lower N/A Upper N/A
Fire extinguishing materials:	<input type="checkbox"/> water spray <input type="checkbox"/> carbon dioxide <input checked="" type="checkbox"/> other: <input type="checkbox"/> foam <input checked="" type="checkbox"/> dry chemical dry sand, graphite to smother fire

Special fire fighting procedures: Use water only in mist/fog application to avoid spreading powder or accumulated dust in surrounding areas. Firefighters should use self contained breathing apparatus and protective clothing & equipment.

Unusual fire and explosion hazards: Iron is not considered flammable under most conditions. Avoid airborne dispersion of any finely divided powder in an enclosed industrial area to reduce potential for dust ignition.

NFPA Rating:	Fire = 0	Health = 0
	Reactivity = 0	Specific Hazard = NONE

V. HEALTH HAZARD INFORMATION

Symptoms of Overexposure:

Inhaled: Acute - Bronchitis / Chronic - Siderosis
Contact with skin or eyes: Acute-Mechanical Irritation / Chronic Conjunctivitis
Absorbed through skin: no information available
Swallowed: no information available

First Aid: Emergency Procedures

Eye Contact: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER AT LEAST 15 MINUTES AND CALL PHYSICIAN.
Skin Contact: WASH WITH SOAP & WATER
Inhaled: REMOVE TO FRESH AIR
Swallowed: CONTACT A PHYSICIAN IMMEDIATELY - AVOID VOMITING.

SUSPECTED CANCER AGENT?

_X_NO: This product's ingredients are not found in the lists below,
_YES: _Federal OSHA _NTP _IARC _Cal/OSHA (see note)*

NOTE: California employers using Cal/OSHA-regulated carcinogens must register with Cal/OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NO INFORMATION AVAILABLE
RECOMMENDATION TO PHYSICIAN: SEE SECTION V.

VI. REACTIVITY DATA

Stability: _X_Stable _Unstable
Conditions to avoid: STRONG OXIDIZERS
Incompatibility (materials to avoid): STRONG OXIDIZERS
Hazardous decomposition products (including combustion products):
NORMAL COMBUSTION CAN FORM CARBON DIOXIDE AND WATER VAPOR:
INCOMPLETE COMBUSTION CAN FORM CARBON MONOXIDE.

Hazardous polymerization: _May occur _X_Will not occur
Conditions to avoid: NO INFORMATION AVAILABLE

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures:

IN CASE OF SPILL OR LEAK ABSORB ON AN INERT MATERIAL SUCH AS EARTH, SAND OR VERMICULITE; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION. IF SPILLED INTO WATER, REMOVE BULK OF PRODUCT BY SKIMMING.

Preparing wastes for disposal (container types, neutralization, etc.):
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls:

LOCAL VENTILATION IF NECESSARY TO MAINTAIN ALLOWABLE PEL OR TLV

Respiratory protection: USE NIOSH/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.

Eye Protection: (type) CHEMICAL SAFETY GOGGLES AND, IF USED HOT, FULL FACE SHIELD.

Gloves (specify material): OIL RESISTANT

Other clothing and equipment: LAUNDER CONTAMINATED CLOTHING BEFORE REUSE

Work practices, hygienic practices: KEEP CONTAINERS TIGHTLY CLOSED. AVOID STRONG OXIDIZERS

Other handling and storage requirements: ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLAMES OR SPARKS.

Protective measures during maintenance of contaminated equipment:

ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLAMES OR SPARKS.

IX. COMMENTS

OBSERVE GOOD INDUSTRIAL HYGIENE AND SAFETY PRECAUTIONS WHEN HANDLING THIS PRODUCT. WE BELIEVE THE STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, AND WE ASSUME NO RESPONSIBILITY FOR ANY LOSS, DAMAGE, OR EXPENSE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THEIR USE.