



HAMMILL & GILLESPIE, INC.

ESTABLISHED 1844

Importers, Exporters & Manufacturers

1545 LIVINGSTON AVE., P.O. BOX 104, LIVINGSTON, N.J. 07039 U.S.A.
TELEPHONE: (609) 426-1100
MATERIAL SAFETY DATA SHEET

NON-METALLIC
MINERAL PRODUCTS
AND
CHEMICALS
NATURALLY PROCESSED
AND SYNTHETIC

To comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

SECTION I. IDENTITY OF PRODUCT AND IMPORTER OR PRODUCER

Trade Name: **SPANISH RED IRON OXIDE**
Chemical Name: HEMATITE
CAS Number: 1317-61-9

As Marked on Bag: Superfine
Red Oxide

Importer/Producer Name and Address:

HAMMILL & GILLESPIE, INC.
P. O. BOX 104
LIVINGSTON, NJ 07039

Telephone Number:

For Emergency and Information
201/994/3650

Date Prepared: 11/22/85
Prepared By: R. P. Isaacs

SECTION II. HAZARDOUS INGREDIENTS

Total free silica (Quartz) by dry weight: 5%
Much of this is not fine enough to be normally respirable.

See Section VI.

SECTION III. PHYSICAL DATA

Fusion Range: 1160-1175°C
Solubility in Water: Slight
Vapor Pressure: Not Applicable
Odor and Appearance: Red powder, odorless

Specific Gravity: 4.26
% Volatile: Below 100 C. None

SECTION IV. FIRE AND EXPLOSION HAZARD DATA: Non-Flammable and Non-Hazardous

SECTION V. REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): None
Hazardous Polymerization: Will NOT occur

Data, information, and recommendations recorded herein are believed to be accurate. Hammill & Gillespie, Inc. makes no warranty, either expressed or implied, with respect thereto and disclaims all liability from reliance thereon.

(Continued on reverse side)

SECTION VI. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit (PEL): Total Dust mg/m³: 3.75
Respirable Dust* mg/m³: 1.67

*Based upon free silica content

Route of Entry: Inhalation

Effects of Overexposure:

Short Term - Probably no effect other than as a nuisance dust

Long Term - Long term exposure to dust and free silica in concentrations higher than recommended PEL may cause silicosis.

First Aid: Eyes - Flush thoroughly with water. See a physician if irritation persists.

SECTION VII. SPILL, LEAK AND DISPOSAL INFORMATION

Action to be taken in case material is released or spilled:

Clean up and collect, minimizing excessive dust*

Waste disposal method:

Any approved solid waste disposal including burial.*

*Do not exceed recommended PEL - See Section VI.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH approved dust respirators. If spraying coatings use NIOSH approved dust/mist respirators.

Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended. Use adequate ventilation if spraying coatings.

Eye Protection: Wear tight fitting goggles if high dust concentrations exist.

Other Protective Equipment: Not required.

SECTION IX. SPECIAL PRECAUTIONS

Minimize dust generation and exposure. Do not breathe dust.