

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: Proprietary Blend
Product Name: **BRICK RED FX**
Product Use: Colorant product
Print date: Sep/2007
Revision Date: Sep/2007

Company Identification

Granicrete International, Inc
3420 S. 7th Street, Suite 6
Phoenix, AZ 85040
Toll Free: 1-866-438-9464

24-Hour Medical Emergency

Phone: PERS: 1-800-633-8253

2. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent	Exposure Limits (2)
Iron Oxide Red	1332-37-2	**	ACGIH TLV: 5 mg/M3 TWA (Iron Oxide Fume as Fe) OSHA PEL: 10 mg/M3 * (Iron Oxide Fume as Fe)
Proprietary Ingredient	(May also be described as CAS #12227-89-3)		

*Iron Oxide Fume

**Application Specific

(1) May Contain Nuisance dust

SARA TITLE III: Section 313 Supplier Notification

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

3. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: Heavy Red Slurry, No Odor

Solubility in Water (%):	Iron Oxide is insoluble in the water slurry
Specific Gravity (H2O=1):	4.8-5.2 (Iron Oxide only)
% Volatile by Volume:	Water portion only

4. FIRE AND EXPLOSION DATA

Flash Point (method):

Not flammable

Extinguishing Media:

Not flammable. Use appropriate extinguishing media for the combustible material involved in the fire.

Unusual Fire or Explosion Hazards:

None

Special Firefighting Procedures:

Firefighters should use self-contained breathing apparatus.

5. REACTIVITY DATA

Material is stable - Hazardous polymerization will not occur

Chemical incompatibilities:

It is incompatible with hydrazine, calcium hypochlorite, performic acid, and bromine pentafluoride.

Conditions to avoid:

None

Hazardous Decomposition Products:

None

6. HEALTH HAZARD DATA

This product is not considered a carcinogen by IARC, NTP, ACGIH or OSHA.

Summary of Health Risks

And Symptoms of Exposure:

May cause mechanical skin and eye irritation. Repeated and prolonged exposure to iron oxide dust may cause a benign pneumoconiosis called siderosis.

Principal Routes of Entry:

Inhalation, ingestion, skin and eye contact..

Accute Effects:

Causes mechanical skin and eye irritation.

Chronic Health Effect(s):

Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On X-rays it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosisproducing materials such as silica. The TLV is set to protect against siderosis.

Emergency and First Aid Procedures:

Eye Contact:

Flush eyes with generous amounts of water for at least 15 minutes. Call a physician if irritation persists.

Skin Contact:

Wash skin with mild soap and water.

Inhalation:

Remove to fresh air. Call a physician.

Ingestion:

If conscious, give large quantities of water to induce vomiting. Get medical attention.

7. PRECAUTIONS FOR SAFE HANDLING, USE OR DISPOSAL

Spill / Leak procedures:

Contain the spill to prevent discharge to surface streams or storm sewers. Since landfill operations will not accept liquid waste, allow to dry if possible before collecting for disposal. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets or other containers.

Waste management / disposal:

The environmental concern is discoloration of land or water. If possible, the slurry should be dried before disposal. Disposal must be made in accordance with Federal, State and local regulations. Pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA). Regulations currently in effect, discarded Iron Oxide would not be classified as a hazardous waste.

Precautions to be taken in handling and storing:

For transport emergencies, call PERS, 24 hour information service, (800) 633-8253.

8. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles:	Wear safety glasses with side shields or goggles to protect against eye contact with slurry.
Gloves:	Rubber or Neoprene gloves to avoid prolonged skin contact with slurry.
Respirator:	Use of NIOSH approved dust respirator is recommended when exposure limits may be exceeded for the dry Iron Oxide dust.
Other:	An apron may be worn to avoid prolonged skin contact with the slurry.

Workplace Considerations:

Ventilation:	Local exhaust ventilation to collector or containment
Safety Stations:	An eye wash station should be available to the area of use.
Other:	In accordance with good industrial hygiene practice, avoid contact with skin, eyes or clothing. Avoid breathing dust. Keep away from food products. Keep container closed when not in use. Use with adequate, localized ventilation. Wash thoroughly after handling and before eating, drinking or using tobacco products.

9. SPECIAL PRECAUTIONS

<u>Special Handling/Storage:</u>	Keep from freezing.
<u>DOT Class:</u>	Not regulated.

Disclaimer:

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. GRANICRETE assumes no obligation or liability for use of this information and makes NO WARRANTIES TO THIS PRODUCT, EXPRESS OR IMPLIED.