

Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard.  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As used on Label and List)

**SAND MOLDS**

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

**Section I**

Manufacturer's Name: **Orgo-Thermit, Inc.**

Emergency Telephone Number: **800-424-9300**

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information: **732-657-5781**

**3500 Colonial Drive North**

Date Prepared: **Revised 1-11-11**

**Manchester, NJ 08759**

Signature of Preparer (optional)

**Section II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Non-hazardous solid field welding consumable.</b>				

**Manufactured as a foundry factory brick consisting of:**

14808-60-7	Silica Sand
1309-37-1	Red Iron Oxide
84992-49-4	Sodium Silicate

**Section III – Physical/Chemical Characteristics**

Boiling Point	<b>N/A</b>	Specific Gravity (H2O = 1)	<b>N/A</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>

Solubility in Water - **N/A**

Appearance and Odor – **Red Brick – No odor**

**Section IV – Fire and Explosion Data**

Flash Point (Method Used) – <b>N/A</b>	Flammable Limits - <b>N/A</b>	LEL	UEL
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Extinguishing Media – **N/A**

Special Fire Fighting Procedures – **N/A**

Unusual Fire and Explosion Hazards - **None**

**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	<b>X</b>	

Incompatibility (*Materials to Avoid*): **N/A**Hazardous Decomposition or Byproducts: **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

**Section VI – Health Hazard Data**Route(s) of Entry:                      Inhalation? **N/A**    Skin? **N/A**    Ingestion? **N/A**Health Hazards (*Acute and Chronic*): **No known hazards. Observe user instructions when used with field welding.**Carcinogenicity: **Unknown**                      NTP? **N/A**    IARC Monographs? **N/A**    OSHA Regulated? **N/A**Signs and Symptoms of Exposure: **N/A**Medical Conditions  
Generally Aggravated by Exposure: **N/A**Emergency and First Aid Procedures: **N/A****Section VII – Precautions for Safe Handling and Use**Steps to Be Taken in Case Material is Released or Spilled: **Collect and dispose.**Waste Disposal Method: **In accordance with local rules.**Precautions to be taken in Handling and Storing: **Store in dry environment.**Other Precautions: **N/A****Section VIII – Control Measures**Respiratory Protection (*Specify Type*):

Ventilation <b>N/A</b>	Local Exhaust:	Special
	Mechanical ( <i>General</i> )	Other:

Protective Gloves: **Best handled with gloves**                      Eye Protection: **N/A**Other Protective Clothing or Equipment: **N/A**Work/Hygienic Practices: **N/A**

