



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)

SINGLE-USE CRUCIBLE

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 2/2/2010**

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)
A steel pail lined with a foundry factory brick comprised of silica sand and red iron oxide bonded with				

Sodium Silicate and equipped with refractory tapping discs.

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

Section III – Physical/Chemical Characteristics

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

Solubility in Water - **N/A**

Appearance and Odor - **Red brick liner inside steel pail - no odor**

Section IV – Fire and Explosion Data

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

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

Unusual Fire and Explosion Hazards - **N/A**

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid – When stored properly away from moisture
	Stable	X	

Incompatibility (*Materials to Avoid*): **Water**Hazardous Decomposition or Byproducts: **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (*Acute and Chronic*): **No known hazards. Observe user instructions when used with field welding.**Carcinogenicity: **N/A** NTP? IARC Monographs? OSHA Regulated?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: **N/A**Waste Disposal Method: **According to local rules.**Precautions to be taken in Handling and Storing: **Avoid moisture. Store in dry, well ventilated place. Keep away from humidity and frost.**Other Precautions: **Observe all instructions per manufacturer's manual.****Section VIII – Control Measures**Respiratory Protection (*Specify Type*): **N/A**

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

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

