

# MATERIAL SAFETY DATA SHEET

ASBURY FLUXMASTER  
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EMERGENCY TELEPHONE  
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Revised 01/01/14  
MSDS\_009\_04

## PRODUCT IDENTIFICATION

Chemical name: Refractory powder blend  
Chemical Family: Blended mineral compounds  
Formula: Blend  
Trade name: Marcote 7, #798 Thermcoat

## CONSTITUENTS

% of Mix	Name	CAS #	OSHA Pel	ACGIH tl <sub>v</sub>
0-10	<b>Iron Oxide</b> Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	10 <sup>(1)</sup> /5 <sup>(2)</sup>	10
50-80	<b>Talc</b> (MgAlSiO <sub>2</sub> +MgSiO <sub>2</sub> )	14807-96-6	2.0	2.0
10-30	<b>Calcium Carbonate</b> Ca <sub>2</sub> CO <sub>3</sub>	471-34-1	10 <sup>(1)</sup> /5 <sup>(2)</sup>	10
0-6	<b>Sodium Silicate</b> Na <sub>2</sub> SiO <sub>3</sub>	1344-09-8		
>1	<b>Crystalline Silica</b> SiO <sub>2</sub>	14808-60-7	0.1	0.1

All values expressed in Mg/m<sup>3</sup>

<sup>1</sup> Total Dust<sup>2</sup> Respirable dust<sup>3</sup>

Recommended limit 2.0 mg/m<sup>3</sup>

## PHYSICAL PROPERTIES

<b>Freezing point:</b> >2500 F <sup>0</sup>	<b>Vapor Pressure:</b> N/A
<b>Melting point:</b> >2500 F <sup>0</sup>	<b>Vapor Density:</b> N/A
<b>Boiling Point:</b> Not determined	<b>Density (g/cc):</b> >2.5 g/cc
<b>Sublimes:</b> Not applicable	<b>H<sub>2</sub>O solubility:</b> <5% at 20 <sup>0</sup> C
<b>Evaporation:</b> Not applicable	<b>% Volatiles:</b> <0.2%
<b>Appearance and odor:</b> Pink to reddish powder. No appreciable odor.	

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**EXPLOSION AND REACTIVITY DATA**

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**Flash point:** Not applicable    Flammable (explosive) limits: (Non Flammable)

**LEL:** N/A

**UEL:** N/A

**Extinguishing media:** Material is non-flammable and may be used as an extinguishing media.

**Special Firefighting Procedures:** None

**Unusual Fire or Explosion Hazards:** None

**Reactivity Information:** Contact with acid may generate CO<sub>2</sub> gas.

**Incompatibility:** Moderate to strong acids.

**Hazardous Decomposition Products:** None

**HEALTH HAZARD INFORMATION/EMERGENCY PROCEDURES:**

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**Inhalation:** A common Route of Exposure: NIOSH approved respirators are recommended if engineering controls are not feasible or unable to maintain a concentration below that specified. If overexposed, remove victim to fresh air. Rinse mouth and nasal passages with water if the person is conscious.

**Ingestion:** Not a common route of exposure. If conscious, give victim large quantities of water and induce vomiting. Do not induce vomiting in an unconscious subject. Seek medical attention immediately.

**Dermal:** Wear gloves if prolonged or repeated contact is expected. If irritation is evident, wash the contaminated area repeatedly with water and a mild soap.

**Eyes:** Proper protective equipment is recommended at all times. Safety glasses should be worn at any time there is a reasonable probability of exposure. In the event of exposure, flush the eyes with large amounts of water, occasionally lifting the upper and lower lids. Seek medical attention.

**Carcinogenic references:** Crystalline silica may be present as a tramp element in concentrations above 0.1% and has been identified as a suspected human carcinogen/health hazard at this level.

**IARC:** Silica, Crystalline Group 2A

**NTP:** Yes

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## **ENVIRONMENTAL PROTECTION INFORMATION**

In the event of a spill of powder or dust, cleanup should be conducted using a vacuum system with a high efficiency particulate air filtration system. Caution should be taken to minimize airborne generation of powder or dust and to avoid contamination of air and water.

State or federal regulations may require specific labeling, packaging, storage, transportation and disposal procedures. It is recommended to contact an Environmental Engineer or consultant familiar with the applicable waste disposal regulations.

## **SPECIAL PRECAUTIONS**

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Always wash thoroughly prior to eating or smoking. This product must be handled accordingly to the size, shape, and quantity of material involved. Drums may require use of hoists, cranes, etc. **STORE THIS MATERIAL IN A COOL DRY AREA.**

## **DOT SHIPPING INFORMATION**

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**This material is not regulated by the DOT for land transportation.**

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