



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Group: **HPA**  
Company Information: Sunrock Ceramics Company, LLC  
2625 S. 21<sup>st</sup> Ave  
Broadview, IL 60155  
708.344.7600  
Emergency Information: 708.344.7600  
Fax: 708.344.7636

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Aluminium Oxide (Alumina)	1344-28-1	15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable dust)	10 mg/m <sup>3</sup>
Alumina Silicates (as nuisance dust),	1302-93-8	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

### 3. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** N/A  
**VAPOR PRESSURE:** N/A  
**VAPOR DENSITY:** N/A  
**WATER SOLUBILITY (%):** Insoluble  
**APPEARANCE AND ODOR:** HPA Products are white, odorless, hard refractories  
**SPECIFIC GRAVITY:** 2.7-2.8  
**MELTING POINT:** N/A  
**VOLATILE BY VOLUME (%):** N/A

### 4. FIRE FIGHTING MEASURES

**NFPA CODES: Flammability:** \_ 0\_ , **Health:** \_ 0\_ , **Reactivity:** \_ 0\_ , **Special:** \_ 0\_  
**NFPA Unusual Hazards:** None  
**Flash Point:** None  
**Extinguishing Media:** Use extinguishing media suitable for type of surrounding fire.  
**Explosion Hazards:** None  
**Hazardous Decomposition Products:** None

### 5. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur

**CHEMICAL INCOMPATIBILITIES:** Powerful oxidizers; fluorine, manganese trioxide,  
oxygen disulfide

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

## 6. HAZARDS IDENTIFICATION

***The material as received presents no health hazard. The following pertains to dust generated by further fabrication.***

ROUTE(S) OF ENTRY:	INHALATION?	Yes
	SKIN?	No
	INGESTION?	No

HEALTH HAZARDS(Acute & Chronic): Low Health Risk by Inhalation. Mild Skin Irritation From Prolonged Exposure.

CARCINOGENITY:	NTP?	No
	IARC Monographs?	No
	OSHA Regulated?	No

SIGNS AND SYMPTOMS OF EXPOSURE: The Dust May Cause Eye, Skin, and Upper Respiratory Irritation. Ingestion  
May Cause Irritation To The Gastrointestinal Tract.

EMERGENCY FIRST AID PROCEDURES: For Material In Eyes, Wash Immediately With Water, For Skin Irritation,  
Wash With Water. For Inhalation, Remove From Source Of Exposure. Seek Medical Attention If Irritations Persist.

## 7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

N/A

WASTE DISPOSAL METHOD:

Dispose Of As Solid Waste In Accordance With  
Federal, State, And Local Laws

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Avoid Dusting

OTHER PRECAUTIONS:

None

## 8. CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type):NIOSH Approved Respirator In Dusty Conditions(Such As Where  
Further Fabrication Takes Place)

VENTILATION:	LOCAL EXHAUST	Yes
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PROTECTIVE GLOVES:	OTHER:	None
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EYE PROTECTION:	Can Be Used To Protect Against Abrasions
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OTHER PROTECTIVE CLOTHING/EQUIPMENT:	None
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WORK/HYGIENIC PRACTICES:	Standard Practices. Keep Dust to a Minimum
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