

**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)<br><b>RD-85 High Alumina Refractory Anchor Brick</b> | 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**

|   |  |
|---|--|
| Manufacture's Name: Refractory Depot, Inc.                          | Emergency Telephone Number: 610-308-5449       |
| Address (Number, Street, City, State and Zip Code<br>P.O. Box 26188 | Telephone Number for information: 610-489-0414 |
| 4317 Gypsy Lane   | Date Prepared: September 25, 2004              |
| Collegeville, Pennsylvania 319426                                   | Signature of Preparer(optional)                |

**SECTION II - Hazardous Ingredients/Identity Information:**

| Hazardous Components              | Cas No.    | %    | ACGIH TLV              | LD <sub>50</sub> | LC <sub>50</sub> |
|-----------------------------------|------------|------|------------------------|------------------|------------------|
| <b>Crystalline Silica (Total)</b> | N/A        | <15  | 0.1 mg/m <sup>3</sup>  | N/A              | N/A              |
| Above includes:Quartz             | 14808-60-7 |      | 0.1 mg/m <sup>3</sup>  | N/A              | N/A              |
| Cristobalite                      | 14464-46-1 |      | 0.05 mg/m <sup>3</sup> | N/A              | N/A              |
| Tridymite                         | 15468-32-3 |      | 0.05 mg/m <sup>3</sup> | N/A              | N/A              |
| <b>Bauxite</b>                    | 1310167    | > 85 | 10 mg/m <sup>3</sup>   | N/A              | N/A              |

Threshold Limit Value for respirable dust containing crystalline silica:

OSHA PEL: 10 divided by (% Quartz + 2(% Tridymite + Cristobalite) in terms of mg/m<sup>3</sup>

CALIFORNIA RESIDENTS: This product contains one or more chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

**SECTION III- Physical/Chemical Characteristics:**

|                         |     |  |      |
|-------------------------|-----|--|------|
| Boiling Point           | N/A | Specific Gravity (g/cc)                | 2.85 |
| Vapor Pressure (mm Hg.) | N/A | Melting Point                          | N/A  |
| Vapor Density (AIR-1)   | N/A | Evaporation Rate<br>(Butyl Acetate- 1) | N/A  |

Solubility in Water: Not Soluable

Appearance and Odor: DRY SANDY TO POWDER - NO ODOR

**Section IV - Fire and Explosion Hazard Data:**

|                                  |                         |            |            |
|----------------------------------|-------------------------|------------|------------|
| Flash Point (Method Used)<br>N/A | Flammable Limits<br>N/A | LEL<br>N/A | UEL<br>N/A |
|----------------------------------|-------------------------|------------|------------|

Extinguishing Media: IGNITION UNLIKELY - ANY MEDIA

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

