MATERIAL SAFETY DATA SHEET

A. MANUFACTURER/DISTRIBUTOR

THE BELDEN BRICK COMPANY                                  DATE PREPARED:    JUNE 10, 1998
P.O. BOX 20910                                                            REV
CANTON, OHIO  44701                                          PHONE NUMBER:    330-456-0031
                                                           MARCH 11, 2009

B. PRODUCT IDENTIFICATION

PRODUCT NAME:  BRICK                                                                                       CHEMICAL NAME:  MIXTURE
CHEMICAL FAMILY:  PREDOMINANTLY ALUMINUM SILICATES               FORMULA:  MIXTURE

C. PRODUCT COMPONENT(S)

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>CAS NO.</th>
<th>% BY CAS NO.</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINUM SILICATES</td>
<td>VARIOUS</td>
<td>75-85</td>
<td>10 MG/M$^3$</td>
<td>15 MG/M$^3$</td>
</tr>
<tr>
<td>IRON COMPONDS</td>
<td>VARIOUS</td>
<td>0-5</td>
<td>10 MG/M$^3$</td>
<td>10 MG/M$^3$</td>
</tr>
<tr>
<td>CALCIUM COMPONDS</td>
<td>VARIOUS</td>
<td>0-12</td>
<td>15 MG/M$^3$</td>
<td>15 MG/M$^3$</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>1408-60-7</td>
<td>VARIES</td>
<td>0.025 MG/M$^3$</td>
<td>10 MG/M$^3$</td>
</tr>
<tr>
<td>(RESPIRABLE)</td>
<td></td>
<td></td>
<td>%SiO$_2$ + 2 (RESPIRABLE)</td>
<td></td>
</tr>
<tr>
<td>BARIUM COMPONDS</td>
<td>VARIOUS</td>
<td>0-3</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>IRON CHROMITE</td>
<td>1308-31-2</td>
<td>0-3</td>
<td>1 MG/M$^3$</td>
<td>1 MG/M$^3$</td>
</tr>
<tr>
<td>MANGANESE COMPONDS</td>
<td>VARIOUS</td>
<td>0-3</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

D. PERSONAL PROTECTION INFORMATION

VENTILATION: WHEN SAWING BRICK, USE ADEQUATE VENTILATION TO MAINTAIN EXPOSURE BELOW THE OSHA PEL AND ACGIH TLV.
RESPIRATORY PROTECTION: FOR CONCENTRATIONS EXCEEDING THE OSHA PEL OR ACGIH TLV, USE NIOSH/MSHA APPROVED RESPIRATOR.
EYE PROTECTION: USE SAFETY GLASSES WITH SIDE SHIELDS. FACE SHIELDS SHOULD ALSO BE USED WHERE DRY SAWING OF BRICK OCCURS.
SKIN PROTECTION: USE GLOVES AND/OR PROTECTIVE CLOTHING IF ABRASION OR ALLERGIC REACTIONS ARE EXPERIENCED.
OTHER: WEAR STEEL-TOED SAFETY SHOES. A WET SAW IS RECOMMENDED FOR SAWING BRICK.

E. HANDLING AND STORAGE PRECAUTIONS

AVOID DUST INHALATION, EYE CONTACT AND EXCESSIVE OR PROLONGED SKIN CONTACT. WEAR PROTECTIVE EQUIPMENT AND/OR GARMENTS DESCRIBED IN SECTION D IF EXPOSURE CONDITIONS WARRANT.

F. REACTIVITY DATA

STABILITY: STABLE INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
CONDITIONS TO AVOID: NONE KNOWN HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN CONDITIONS TO AVOID: NONE KNOWN

G. HEALTH HAZARD DATA*

RECOMMENDED EXPOSURE LIMITS: SEE SECTION C

ACUTE EFFECTS OF OVEREXPOSURE:

EYE: MAY CAUSE MILD TO SEVERE IRRITATION BY ABRASION WITH DUST OR CHIPS.
SKIN: BRICK DUST OR CHIPS MAY CAUSE ALLERGIC REACTIONS. EXCESSIVE EXPOSURE MAY RESULT IN ABRASIONS.
INHALATION: BRICK DUST OR CHIPS MAY CAUSE CONGESTION AND IRRITATION IN NASAL AND RESPIRATORY PASSAGES.
INGESTION: NONE KNOWN

SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:

EXCESSIVE EXPOSURE TO PARTICULATES (DUST) OVER AN EXTENDED PERIOD OF TIME MAY RESULT IN THE DEVELOPMENT OF PULMONARY DISEASES.

CARCINOGENICITY:

NTP CLASSIFIES RESPIRABLE CRystALLINE SILICA AS A KNOWN CARCINOGEN. IARC CLASSIFIES RESPIRABLE CRystALLINE SILICA (QUARTZ/CRISTOBOLITE) AS A GROUP 1 CARCINOGEN.

*The dust generated from dry sawing brick may contain silica and may be a potential health problem for the lungs although we are aware of no scientific evidence of a health problem.
FIRST-AID AND EMERGENCY PROCEDURES:

**EYE:** FLUSH EYES WITH RUNNING WATER, OBTAIN MEDICAL ASSISTANCE IF IRRITATION CONTINUES.

**INHALATION:** REMOVE FROM EXPOSURE TO AIRBORNE PARTICULATE. CONSULT A PHYSICIAN IF BREATHING DOES NOT RETURN TO NORMAL.

**INGESTION:** N/A

**SKIN:** WASH WITH SOAP AND WATER. IF AN ALLERGIC REACTION CAUSES A RASH THAT DOES NOT HEAL IN AN APPROPRIATE TIME, CONSULT A PHYSICIAN. TREAT ABRASIONS AS ANY OTHER SCRAPE OR CUT, WITH DISINFECTANTS AND BANDAGES.

H. PHYSICAL DATA

**APPEARANCE/ODOR:** GRANULAR SOLID, ESSENTIALLY ODORLESS, WIDE RANGE OF COLOR

**BOILING POINT:** N/A **SPECIFIC GRAVITY (H₂O = 1) 2.6 (APPROXIMATE)** **PH:** N/A

**VAPOR PRESSURE:** N/A **PERCENT VOLATILE BY VOLUME:** N/A **VAPOR DENSITY:** N/A

**SOLUBILITY IN WATER:** NEGLIGIBLE **EVAPORATION RATE (ETHYL ETHER = 1):** N/A

I. FIRE AND EXPLOSION DATA

**FLASH POINT:** N/A **FLAMMABLE LIMITS (% BY VOLUME IN AIR):** LEL – N/A VEL – N/A

**FIRE EXTINGUISHING MEDIA:** N/A **SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**FIRE AND EXPLOSION HAZARDS:** N/A

J. SPILL OR LEAK PROCEDURES

THE ONLY CONCERN IS TO CONTROL DUSTS

K. WASTE DISPOSAL

THIS MATERIAL IS CLASSED AS A NON-HAZARDOUS SOLID-WASTE FOR DISPOSAL

K. RCRA CLASSIFICATION N/A

M. DOT SHIPPING DATA N/A

L. PROTECTION REQUIRED FOR WORK ON CONTAMINATED EQUIPMENT N/A

M. HAZARD CLASSIFICATION

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**X** --- THIS PRODUCT MEETS THE FOLLOWING HAZARD DEFINITION(S) AS DEFINED BY THE OCCUPATIONAL SAFETY AND HEALTH HAZARD COMMUNICATION STANDARD SECTION 1910.1200:

--- COMBUSTIBLE LIQUID --- FLAMMABLE AEROSOL

--- COMPRESSED GAS --- EXPLOSIVE

--- FLAMMABLE GAS X ** HEALTH HAZARD

--- FLAMMABLE LIQUID --- ORGANIC PEROXIDE

--- FLAMMABLE SOLID --- OXIDIZER

--- PYROPHORIC --- UNSTABLE

--- WATER REACTIVE ---

**B**ASED ON INFORMATION PRESENTLY AVAILABLE, THIS PRODUCT DOES NOT MEET ANY OF THE HAZARD DEFINITIONS OF 29 CFR SECTION 1910.1200

N. SARA (TITLE III) REPORTS

COMPONENTS OF THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA AND 40 CFR PART 372: N/A

COMPONENTS OF THIS PRODUCT THAT ARE INCLUDED IN THE SARA EXTREMELY HAZARDOUS SUBSTANCE LIST (40 CFR PART 355): N/A

O. OTHER INFORMATION

**X** --- THE BELDEN BRICK CO. considers our product an “article” as defined in 29 CFR Part 1200 (b)(5)(iv) and 40 CFR Part 372.38. As an article, an MSDS is not required and the product is exempt from all other requirements of the hazardous communication standard. OSHA requires an MSDS for brick since it is occasionally dry sawed.

N/A – Not Applicable  NE – Not Established

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