

MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
IDENTITY (As Used on Label and List): **Calcium silicate, powder and pieces**
Product Code: **C-MSDS0036** Reference #: **1343-95-2**

SECTION I - PRODUCT IDENTIFICATION Calcium silicate, powder and pieces

MANUFACTURER NAME AND ADDRESS:

ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

TELEPHONE NUMBERS:

CHEMTREC (800)424-9300
ProChem, Inc. (800) 795-8788
Local
Poison/Emrgncy () - 911

DATES:

Date Created:
07/08/1993
Revision: 07/08/1993
Printed: 01/28/2004

SYNONYMS

Calcium silicate, calcium di-orthosilicate (III)

CHEMICAL FAMILY: Metal silicate

DOT HAZARD LABEL: No data.

FORMULA: Ca₂SiO₄

MOLECULAR WEIGHT: 172.24

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION Calcium silicate, powder and pieces

HAZARDOUS COMPONENTS (CHEMICAL NAME)

<u>NAME:</u>	Calcium silicate		
<u>CAS #:</u>	1343-95-2	<u>PERCENTAGE:</u>	100.0 %
<u>OSHA PEL:</u>	NE	<u>ACGIH TLV:</u>	NE
<u>OTHER LIMITS:</u>	NE		
<u>SEC.302 (EHS):</u>	No	<u>SEC.304 RO:</u>	No
<u>SEC.313:</u>	No		

<u>NAME:</u>	Particulates not otherwise classified (PNOS)		
<u>CAS #:</u>	NA	<u>PERCENTAGE:</u>	100.0 %
<u>OSHA PEL:</u>	10 mg/m ³	<u>ACGIH TLV:</u>	10 mg/m ³
<u>OTHER LIMITS:</u>	5mg/m ³ resp.		
<u>SEC.302 (EHS):</u>	No	<u>SEC.304 RO:</u>	No
<u>SEC.313:</u>	No		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS Calcium silicate, powder and pieces

<u>PHYSICAL STATES:</u>	[] Gas , [] Liquid , [X] Solid
<u>BOILING POINT:</u>	N.A.
<u>MELTING POINT:</u>	675.00 C (1247.0 F)
<u>SPECIFIC GRAVITY (WATER = 1):</u>	2.97
<u>DENSITY:</u>	No data.
<u>VAPOR PRESSURE (VS. AIR OR MM HG):</u>	NA
<u>VAPOR DENSITY (VS. AIR = 1):</u>	NA
<u>EVAPORATION RATE (VS BUTYL ACETATE=1):</u>	NA
<u>SOLUBILITY IN WATER:</u>	Insoluble
<u>PERCENT VOLATILE:</u>	N.A.
<u>PH:</u>	No data.
<u>APPEARANCE AND ODOR</u>	

Multi-color: colorless, cream, white powder and pieces, no odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
Calcium silicate, powder and pieces

FLASH PT: N.A. **METHOD USED:** NON-FLAMMABLE
EXPLOSIVE LIMITS: LEL: NA UEL: NA
EXTINGUISHING MEDIA

USE: Not applicable. Use suitable extinguishing media for surrounding materials and type of fire.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear full face, self-contained breathing apparatus with full protective clothing to prevent contact with skin and eyes. Fumes from fire are hazardous. Isolate runoff to prevent environmental pollution.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, calcium silicate may emit toxic fumes of oxides of calcium.

SECTION V - REACTIVITY DATA
Calcium silicate, powder and pieces

STABILITY: Unstable [] Stable [X]
CONDITIONS TO AVOID - INSTABILITY

None

INCOMPATIBILITY - MATERIALS TO AVOID

None recorded

HAZARDOUS DECOMPOSITION OR BYPRODUCTS