

ALUMINUM COMPANY OF AMERICA
100 EAST 42ND STREET
NEW YORK, NEW YORK 10017



PLAINTIFF'S EXHIBIT

Q-1010

April 24, 1972

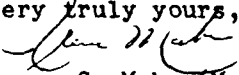
Mr. J. J. Marino, Chief Engineer
Quigley Company, Inc.
235 East 42nd Street
New York, New York 10017

Dear Mr. Marino:

Recently you requested Material Safety Data Sheets
for Alcoa Powders, Calcined Alumina A-2 and Calcium
Aluminate Cement CA-25.

Attached are Alcoa Environmental Data Sheets covering
these products. If you should have any questions
please let us know.

Very truly yours,


Irene C. Mahr (Mrs.)

icm
Attachments

QUIGLEY CO., INC.
RECEIVED

APR 25 1972
J. J. MARINO

FILE	
COPY TO:	

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ALUMINUM COMPANY OF AMERICA

ALCOA BUILDING • PITTSBURGH, PENNSYLVANIA 15219



ENVIRONMENTAL DATA

Product Name(s) Alcoa Calcium Aluminate Cement CA-25

Chemical name or type Calcium Aluminate

Chemical formula $\text{CaO} \cdot 2.5\text{Al}_2\text{O}_3$ (empirical)

1. Composition and properties

1.1 Composition, typical

Al_2O_3	79.0%
SiO_2	0.15
Fe_2O_3	0.3
Na_2O	0.5
CaO (total)	18.0
MgO	0.4
Loss on ignition	1.5

1.2 Physical form Powder

1.3 Particle size Through 325 mesh, 90% typical

1.4 Color Off-white

1.5 Bulk density 56#/ft.³ loose, 92#/ft.³ packed.

1.6 Odor None

1.7 Melting point 3200 - 3300° F

1.8 Explosive limits Not explosive

1.9 Chemical activity when exposed to:

Air None

Water Reacts to serve as binder for refractories. pH of 10%
slurry in water 11.5 typical.

Heat None

Strong oxidizers None

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February, 1972

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