

Int. Cl.: 1

Prior U.S. Cl.: 1

United States Patent and Trademark Office
10 Year Renewal

Reg. No. 589,928
Registered May 18, 1954
Renewal Term Begins May 18, 1994

TRADEMARK
PRINCIPAL REGISTER

**YELLOWSTONE
TALC**

LUZENAC AMERICA, INC. (DELA-
WARE CORPORATION)
9000 E. NICHOLS AVENUE, SECOND
FLOOR
ENGLEWOOD, CO 80112, BY CHANGE
OF NAME, ASSIGNMENT, MERGER
AND CHANGE OF NAME AND AS-
SIGNMENT FROM SIERRA TALC &
CLAY COMPANY (CALIFORNIA COR-
PORATION) LOS ANGELES 22, CA

FOR: TALC, IN CLASS 1 (INT. CL. 1).
FIRST USE 12-31-1949; IN COMMERCE
12-31-1949.

SER. NO. 71-635,241, FILED 9-13-1952.

THE WORD "TALC" IS DISCLAIMED
APART FROM THE MARK AS SHOWN.

*In testimony whereof I have hereunto set my hand
and caused the seal of The Patent and Trademark
Office to be affixed on Oct. 11, 1994.*

COMMISSIONER OF PATENTS AND TRADEMARKS

PLAINTIFF'S
EXHIBIT
CAM-107

UNITED STATES PATENT OFFICE

Registered May 18, 1954

589,928

PRINCIPAL REGISTER
Trade-Mark

Ser. No. 635,241, filed Sept. 13, 1952

YELLOWSTONE
TALC

Sierra Talc & Clay Company (California corporation)
5509 Randolph St.
Los Angeles 22, Calif.

For: TALC, in CLASS 1.
First used on or about Dec. 31, 1949, and in
commerce on or about Dec. 31, 1949.
The word "Talc" is disclaimed apart from the
mark as shown.

RECEIVED AFF. SEC. 8 & 15

APR 12 1960

SPECIMEN

Internet Transmission Date:
03/11/2004

Registration Number:
0589928

International Class:
001

Serial Number:
71635241

[illegible]

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DATA SHEET

YELLOWSTONE®

DESCRIPTION & APPLICATIONS

Luzenac's Yellowstone® is high purity, microcrystalline, talc. Due to its low alkali content, Yellowstone® is a superior talc product for steatite insulators meeting L4 - L6 specifications. Yellowstone® also is used as a flux for high-alumina ceramics and sanitary ware, and the low calcium content makes it an excellent substate for cordierite catalyst supports.

TYPICAL PROPERTIES

200 Mesh, % passing*	99.5
325 Mesh, % passing	95
Brightness, GEB*	80
Surface Area, m ² /g	9.5
Specific Gravity	2.8
pH, 10% Slurry	9.5
Loose Bulk Density, lbs/ft ³	24
Tapped Bulk Density, lbs/ft ³	50

CHEMICAL ANALYSIS

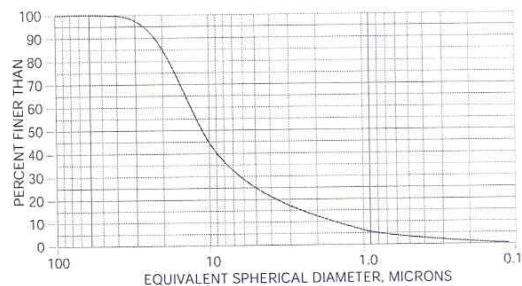
SiO ₂ , %	60.4
MgO, %	31.7
Al ₂ O ₃ , %	0.3
Fe ₂ O ₃ , %	1.4
CaO, %	0.25
LOI @ 1,000°C, %	5.2

MINERAL ANALYSIS (By X-Ray Diffraction)

Talc, %	98.5
Chlorite, %	1.5
Dolomite, %	0.5

PARTICLE SIZE DISTRIBUTION (By Sedigraph)

Median Diameter: 12 microns



MICROGRAPH (By Scanning Electron Microscopy)



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