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**UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
986 NATIONAL CENTER
RESTON, VIRGINIA 20192**

**INDIVIDUAL COMPANY
DATA - PROPRIETARY**

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes. Unless objection is made in writing to the USGS, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency) if the State has appropriate safeguards to prevent disclosing company proprietary data.

BALL CLAY AND KAOLIN

(Please correct if name or address has changed.)

**FACSIMILE NUMBER
1-800-543-0661**

Public reporting burden for this voluntary collection of information is estimated to average 90 MINUTES per response. A Federal agency may not conduct, sponsor, or require a person to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. Please do not mail survey forms to this address.

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate. Please complete and return a separate form for each operation that was active during the calendar year in the enclosed envelope or fax to the above toll-free number. Use zero (0) when appropriate. Additional forms are available upon request. If you have any questions concerning completion of this form, please contact the Mineral Commodities Data Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

1. **Status during year. (Check one or more)** (1) Active From _____ To _____ (2) Idle
 (3) Abandoned (4) Purchased (5) Sold: if ownership changed during year, give date of change _____
 and name and address of other party in transfer _____
 If operating company is a subsidiary, please name controlling company _____

2. (1) **Total number of mines or pits covered in this report** _____ ; list names and locations of other operations not covered in 1.
 (2) **Did you produce clay from any other operations not included in this report for which you did not receive a report form?**
 (1) Yes (2) No If Yes, please furnish names of other operations _____

3. **Mining methods (Check one or both)** (1) Open-pit (2) Underground

4. **Did you produce at this mine any other mineral products as byproducts or coproducts?** (1) Yes (2) No
 If Yes, please list _____

5. **Clay sold or used and production capacity during year by kind.**
 Report clay of your own production. Include material produced for you under contract and exclude purchased material. Give fair market value for captive tonnage and rated capacity.

Kind (1)	Code	Quantity (short tons) (2)	Value of material sold or used (f.o.b. mine or plant) (3)	Rated capacity (short tons) (4)
Ball clay:				
Airfloat.....	101		\$	
Unprocessed.....	102			
Water slurried.....	103			
Total ball clay.....	109			
Kaolin:				
Airfloat.....	151			
Calcined-refractory grades.....	152			
Calcined-pigment grades.....	153			
Delaminated.....	154			
Unprocessed.....	155			
Waterwashed.....	156			
Total kaolin.....	159			
TOTAL CLAYS.....	199			

OVER

6. Clay sold or used during year by use (Report in short tons). Include only the clay that you produced, DO NOT include purchased clay.

Domestic End Use (1)	Code	Ball clay (2)	Kaolin (3)	Domestic End Use (1)	Code	Ball clay (2)	Kaolin (3)
ABSORBENTS	203			FLOOR AND WALL TILE	Floor and wall tile, ceramic.....		
CATALYSTS (oil refining)....	205						
ELECTRICAL PORCELAIN	207				Other (please specify)		
FIBERGLASS	208				_____	258	
FINE CHINA / DINNERWARE ..	209			HEAVY CLAY PRODUCTS	Face brick, extruded.....	260	
MINERAL WOOL AND INSULATION	211				Face brick, other.....	261	
POTTERY	212				Portland and other cement.....	265	
ROOFING GRANULES	213				Other (check use below)	270	
SANITARYWARE	214				Other heavy clay product sales or use for <input type="checkbox"/> Flue linings <input type="checkbox"/> Sewer pipe		
Other (check use below)	216						
Other ceramic and glass sales or use for <input type="checkbox"/> Crockery and other earthenware <input type="checkbox"/> Glazes, glass and enamel							
CHEMICAL MANUFACTURING	Aluminum sulfate.....	218		REFRACTORIES	Firebrick, block, and shapes.....	281	
	Other (please specify)				Grogs and calcines.....	283	
	_____	219			Kiln furniture.....	286	
			Other (check use below)		290		
				Other refractories sales or use for <input type="checkbox"/> Foundry Sand <input type="checkbox"/> High alumina brick <input type="checkbox"/> High alumina specialties			
ADHESIVES AND BINDERS	Adhesives.....	227		OTHER OR UNKNOWN USES			
	Animal feed.....	228					
	Fertilizers.....	230					
	Medical, pharmaceutical, and cosmetic.....	233					
	Paint.....	234					
	Paper coating.....	235					
	Paper filling.....	236					
	Pesticides and agricultural granules.....	237					
	Plastics.....	238					
	Rubber.....	239					
Other (check use below)	247						
Other filler and binder sales or use for <input type="checkbox"/> Animal feed <input type="checkbox"/> Asphalt emulsion <input type="checkbox"/> Asphalt tile <input type="checkbox"/> Gypsum products							
					S Ceramics.....	316	
					T Paint.....	334	
					R Paper coating.....	335	
					O Paper filling.....	336	
					P Rubber.....	339	
					X Other (please specify)		
					_____	391	
					T O T A L	999	

Remarks:

Name of person to be contacted regarding this report				Tel. area code	No.	Ext.
Address	No.	Street	City	State	ZIP Code	

May tabulations be published which could indirectly reveal the data reported in the Production Section?
 Value data (1) Yes (2) No Other (including quantity) data (1) Yes (2) No

May tabulations be published which could indirectly reveal the data reported in the End Use Section? (1) Yes (2) No

Signature	Title	Date
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