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

INDIVIDUAL COMPANY  
 DATA - PROPRIETARY

TITANIUM MATERIALS

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.

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FACSIMILE NUMBER  
 1-800-543-0661

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Collection of nonfuel minerals information is authorized by 30 U.S.C. 1601 et seq. 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 return this form in the enclosed envelope or fax to the above toll-free number as soon as possible. Complete a separate form for each mineral establishment that was active during the reporting period. A mineral establishment is defined as a single physical location where mineral operations are conducted; for example, a mine only, a mine and preparation plant, or a preparation plant only. If you do not have exact data, please enter your best estimates and mark with an /e. Use zero (0) when appropriate. Do not report decimals or fractions. Round to the nearest whole number. If you have nothing to report, please complete Item 1, sign, and return the form. Please use the space for "Remarks" to provide any specific information that will help us in the use or interpretation of the data. Any statement on the effect of changes in economic conditions upon the reporting establishment will be useful. 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. Plant location: City \_\_\_\_\_ State \_\_\_\_\_

2. Stocks, receipts, production, consumption, and shipments of titanium concentrates and manufactured titanium dioxide.

Material	Code	GROSS WEIGHT (short tons)					
		Stocks beginning of year	Receipts during year	Production during year	Consumption during year	Shipments during year	Stocks end of year
(a) Ilmenite.....	201						
Average percent TiO <sub>2</sub> .....	202						
(b) Rutile.....	203						
Average percent TiO <sub>2</sub> .....	204						
(c) Leucoxene.....	205						
Average percent TiO <sub>2</sub> .....	206						
(d) Synthetic rutile/beneficiated ilmenite.....	207						
Average percent TiO <sub>2</sub> .....	208						
(e) Slag, sulfate-grade.....	209						
Average percent TiO <sub>2</sub> .....	210						
(f) Slag, chloride-grade....	211						
Average percent TiO <sub>2</sub> .....	212						
(g) Manufactured titanium dioxide.....	213						

OVER

**3. Consumption of titanium concentrates reported in Item 2.**

Use	Code	QUANTITY CONSUMED (short tons)						
		Ilmenite (a)	Rutile (b)	Leucoxene (c)	Synthetic rutile (d)	Slag (sulfate-grade) (e)	Slag (chloride-grade) (f)	Manufactured TiO <sub>2</sub> (g)
Titanium pigments.....	301							
Titanium metal.....	302							
Welding rod coatings.....	303							
Fiber glass.....	304							
Ceramics.....	305							
Alloys and carbides.....	306							
Chemicals.....	307							
Other (specify)	308							
	309							
	310							
<b>TOTAL</b> <sup>1/</sup> .....	399							

<sup>1/</sup> Column totals should equal corresponding entries in the consumption column in Item 2.

**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 above? <input type="checkbox"/> (1) Yes <input type="checkbox"/> (2) No							
Signature				Title			Date