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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.

LEAD AND TITANIUM  
 PIGMENTS AND COMPOUNDS

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 └ (Please correct if name or address has changed.)

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. 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 "Name and location of plants covered by this report", sign, and return the form. Please do not make entries in shaded areas. 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.

Name and location of plants covered by this report:

- (a) Name \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 (b) Name \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 (c) Name \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

1. LEAD PIGMENTS AND COMPOUNDS. (Report quantity of product manufactured and distributed in short tons, gross weight.)

Product	Code	Manufactured during year Gross weight (short tons)	DISTRIBUTED DURING YEAR			
			Shipped		Used by you in manufacture of other products	
			Gross weight (short tons)	Value, f.o.b. plant, exclusive of container	Gross weight (short tons)	Product made
White lead, ground dry.....	101			\$		
White lead, ground in oil <sup>1</sup> .....	102					
Sublimed or basic sulfate: White lead.....	104					
Blue lead.....	105					
Red lead.....	107					
Orange mineral.....	108					
Litharge.....	109					
Battery oxides <sup>2</sup> .....	110					

<sup>1</sup> Give weight of white lead only, but value of paste.

<sup>2</sup> Include black or gray suboxide and leady litharge only.

**2. SHIPMENTS OF LEAD PIGMENTS AND COMPONENTS, BY USE.** (Total shipments should agree with those given in Item 1.)

Product	Code	Gross weight (short tons)	Product	Code	Gross weight (short tons)
White lead (dry and in oil):			Orange mineral:		
(a) Paints.....	201		(a) Color pigments.....	231	
(b) Ceramics <sup>1</sup> .....	202		(b) Ink manufacture.....	232	
(c) Other (specify) _____			(c) Other (specify) _____		
<b>TOTAL</b> .....	210		<b>TOTAL</b> .....	240	
Basic lead sulfate:			Litharge:		
(a) Paints.....	211		(a) Storage batteries.....	241	
(b) Rubber.....	212		(b) Rubber.....	242	
(c) Storage batteries.....	213		(c) Chrome pigments.....	243	
(d) Other (specify) _____			(d) Oil refining.....	244	
<b>TOTAL</b> .....	220		(e) Insecticides.....	245	
Red lead:			(f) Ceramics <sup>1</sup> .....	246	
(a) Storage batteries.....	221		(g) Paints.....	247	
(b) Paints.....	222		(h) Other (specify) _____	248	
(c) Ceramics <sup>1</sup> .....	223		<b>TOTAL</b> .....	255	
(d) Other (specify) _____	224		Battery oxides.....	256	
<b>TOTAL</b> .....	230				

<sup>1</sup> Include shipments to ceramic, glass, and vitreous and enamel manufacturers.

**3. TITANIUM PIGMENTS.**

Product	Code	Manufactured during year (short tons)	Purchased during year (short tons)	DISTRIBUTED DURING YEAR			
				Shipped		Used by you in manufacture of other products	
				Quantity (short tons)	Value, f.o.b. plant exclusive of container	Quantity (short tons)	Product made
Gross weight.....	501				\$		
TiO <sub>2</sub> content.....	502						

**4. SHIPMENTS OF TITANIUM PIGMENTS, BY USE.** (Total shipments should agree with those given in Item 3.)

Product	Code	Gross weight (short tons)	TiO <sub>2</sub> content (short tons)	Product	Code	Gross weight (short tons)	TiO <sub>2</sub> content (short tons)
Paint, varnish, and lacquers.....	601			Ceramics.....	608		
Floor covering.....	602			Plastics (except floor covering, vinyl coated fabrics, and textiles)	609		
Coated fabrics and textiles.....	603						
Rubber.....	604			Other (specify the industries) _____			
Paper.....	605			Export.....	615		
Printing ink.....	606			<b>TOTAL</b> .....	616		
Roofing granules.....	607						

**5. PRODUCTION AND SHIPMENTS OF TITANIUM PIGMENTS, BY TYPE.**

(Totals should agree with Items 3 and 4. Report gross weight in short tons.)

Type of pigment	Code	Production	Shipments
Rutile.....	701		
Anatase.....	702		
Composite.....	703		
<b>TOTAL</b> .....	704		

**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?

Value data  (1) Yes  (2) No Other (including quantity) data  (1) Yes  (2) No

Signature	Title	Date
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