

# DuPont™ Ti-Pure® R-741

## TITANIUM DIOXIDE

### Product Information



### Product Description

Ti-Pure® R-741 is manufactured by slurring Ti-Pure® R-931 with water and dispersants under conditions that optimize the paint performance of the pigment in the architectural coating.

### Safety Precautions

- If this product is allowed to dry, dust may form. Titanium dioxide is classified as a nuisance dust. Follow all local regulations and DuPont recommendations for exposure limits as described in the Material Safety Data Sheet (MSDS). If the recommended exposure limits of TiO<sub>2</sub> are to be exceeded, NIOSH-approved air-purifying respirators with particulate filters should be used.
- For good industrial hygiene, safety glasses with side shields or better eye protection should be worn when handling TiO<sub>2</sub>. For further details, refer to the MSDS.

### First Aid

- If large amounts of TiO<sub>2</sub> are inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- In case of eye contact, immediately flush with water for at least 15 minutes. Call a physician. In case of skin contact, the pigment is not likely to be hazardous but cleaning the skin after use is advised.

### Shipping Containers

Ti-Pure® R-741 is available in rail cars and tank trucks.

### Slurry Properties

Table 1 summarizes the slurry-handling properties of Ti-Pure® R-741.

### Analysis and Physical Properties of Ti-Pure® R-741

Property	R-741
Solids, wt%	64.5
Grit-Unbrushed, wt% 325 Mesh	0.035 max.
Grit-Brushed, wt% 325 Mesh	0.020 max.
Slurry Density, lb/gal	15.6
Pigment, lb/gal	10.1
pH	8.1
Viscosity, Brookfield at 100 rpm (cP)	150
Tint Strength	100
Biocide, Nonmercuric, nonformaldehyde releasing	Yes

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K-07642 (10/06) Printed in the U.S.A.



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