

TITLE

Preparation of  $\text{TiO}_2$  Slurries

ABSTRACT

A process for preparing concentrated slurries  
5 of  $\text{TiO}_2$  and water with a solids content of 30-70% by  
weight from  $\text{TiO}_2$  micronizer tailings that are carried  
in steam separated from  $\text{TiO}_2$  and steam from a micro-  
nizer by scrubbing the steam and  $\text{TiO}_2$  micronizer tail-  
ings with a slurry of  $\text{TiO}_2$  and water, separating  $\text{TiO}_2$   
10 and water from the steam and circulating a portion of  
the  $\text{TiO}_2$  and water to the absorber until the solids  
content desired is reached.

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