

Brilliance Inspired by Titanium For decades, Cristal has invested in the future of titanium. We are dedicated to working with our customers and partners to develop cutting-edge technologies that unleash titanium's potential to build a cleaner and brighter world. We are committed to providing great opportunities and safe environments for our employees and communities.

Fast Facts

- 2nd largest titanium dioxide producer in the world, using both the chloride and sulfate processes
- Largest merchant titanium chemicals producer
- Leading manufacturer of ultrafine titanium products
- Back integrated into feedstock mining with a mine in Paraiba, Brazil and as owner of Cristal Mining, the world's 5th largest TiO₂ feedstock producer
- Nearly 4,000 employees worldwide
- Total Sales combined – \$2.0 bn in 2012
- 7 TiO₂ manufacturing plants in 6 countries and on 5 continents

Our Titanium Businesses

PIGMENTS

- Titanium Dioxide (TiO₂)
- Performance Chemicals
 - > CristalACTiv™ Specialty Titanium Dioxides (Ultrafine TiO₂)
 - > Titanium Tetrachloride (TiCl₄) and related products

MINING

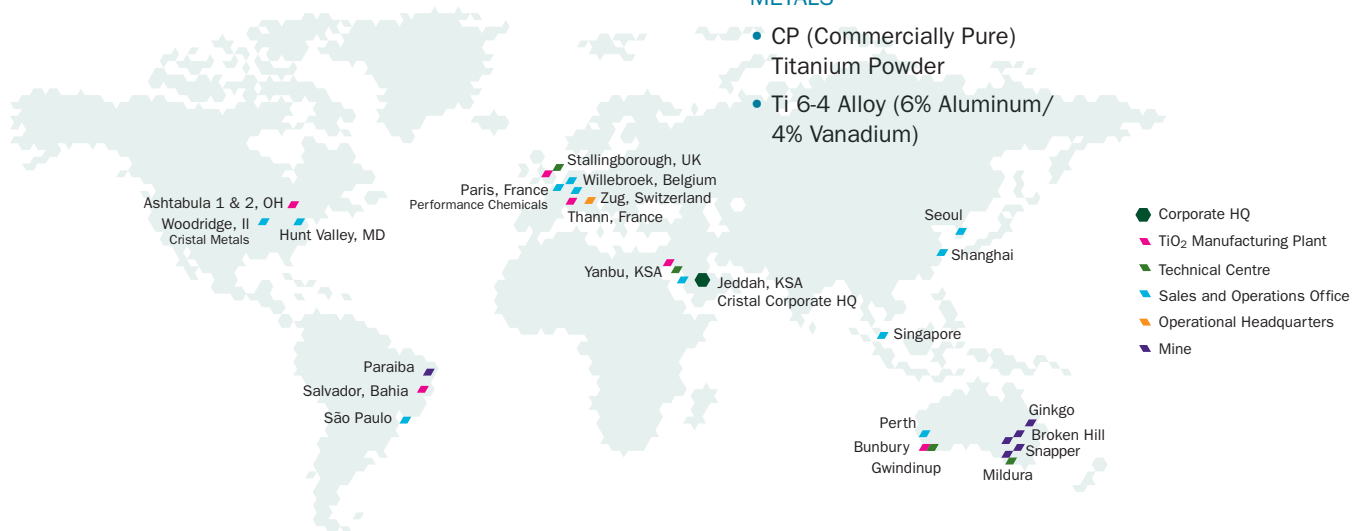
- Leucoxene
- Rutile
- Zircon
- Ilmenite

METALS

- CP (Commercially Pure) Titanium Powder
- Ti 6-4 Alloy (6% Aluminum/4% Vanadium)

CHEMICALS

- Carbon dioxide
- Caustic flake
- Caustic soda
- Chlorine
- Copperas
- Gypsum
- Hydrochloric acid
- Hydrogen
- Hypochlorite
- Iron chlorosulfate
- Molten sulfur
- Sodium silicate
- Sulfuric acid



Our Caring Drives Us to Zero Incidents and Impact

Caring for our family members and communities is our core value. We adhere to the highest standards for the safe operation of our facilities and the protection of our environment, our employees and contractors, our customers and of the communities in which we do business.

We believe that all injuries and occupational illnesses, as well as process safety and environmental incidents, are preventable, and our goal is “zero” incidents and impact.