



FACT SHEET

In South Africa, we mine and beneficiate heavy minerals to produce titanium dioxide feedstock (chloride and sulphate grades), zircon, rutile, and high purity iron products.

Tronox KZN Sands, South Africa

The KZN Sands operation is situated at Empangeni in KwaZulu Natal. The operation consists of the Fairbreeze Mine at Mtunzini and Central Processing Complex in Empangeni.

The Fairbreeze Mine uses hydraulic mining techniques to mine slurry for the primary wet plant at the mine. The product of the primary wet plant is a heavy mineral concentrate (HMC) that is transported via road to our Mineral Separation Plant at the Empangeni Smelter Complex. The HMC is then further beneficiated to produce zircon, rutile and ilmenite at the mineral separation plant. This ilmenite is fed into the two 36 MW furnaces which reduces it into high titania slag and low manganese pig iron.

Tronox KZN Sands employs about 706 people geographically.

Tronox Mineral Sands, South Africa

The Tronox Mineral Sands operation in Namakwa is situated on the West Coast of South Africa. We mine and beneficiate heavy minerals to produce titanium dioxide feedstock (chloride and sulphate grades), zircon, rutile and high purity iron products. The products are used as feedstock in a wide range of applications including pigments, metals, ceramics and foundries.

The open-pit mine and concentration plants are situated at Brand-se-Baai, 385 km north of Cape Town. Here the ore is mined and processed at the primary concentration plants to produce a mineral concentrate. It undergoes further processing at the secondary concentration plant to yield a magnetic and non-magnetic stream. These concentrates are transported 60 km to the Mineral Separation Plant where the minerals in the streams are separated to produce zircon, rutile and ilmenite.

Rail trucks are used to transport the products 270 km to the smelter at Saldanha Bay where the ilmenite is processed in furnaces to produce titanium dioxide slag and pig iron. The zircon and rutile is then stored on site for export.

Tronox Mineral Sands employs about 1,123 people geographically.

Tronox KZN Sands Fairbreeze Mine

South N2 Toll Road
Exit Bridge No. 4
Fairbreeze
South Africa
Phone: +27 35 340 810



Tronox KZN Sands CPC/Smelter

Melmoth Road R34
Empangeni
South Africa
Phone: +27 35 902 7000



Tronox Mineral Sands Northern Operations

P.O. Box 223
Lutzville 8165
South Africa
Phone: +27 0 27 217 3911

Tronox Mineral Sands Smelter

P.O. Box 435
Vredenburg 7380
South Africa
Phone: +27 0 22 701 3911

Centurion

River Falls Office Park
Wild Pear Ground Floor
262 Rose Avenue
Doringkloof Centurion 0157
South Africa
Phone: +27 10 100 8560

Community Involvement

We believe that our business can and should play a leadership role in improving the quality of life in the communities in which we operate. Tronox believes that these efforts promote the long-term interests of all our stakeholders, including employees, customers, business partners, investors, local communities, government, and the mining and minerals industries at large. Tronox empowers local communities by helping local community members establish businesses. We have a preferred procurement policy, whereby these businesses are then contracted to Tronox, but they do also render their services to other companies. In this manner, we contribute to the creation of small businesses, which will remain sustainable in the future.

Caring for the Environment

At Tronox, environmentally sound practices go hand in hand with our commitment to running a strong, innovative and efficient global business. Investment in a robust sustainability program is therefore an integral part of our corporate strategy. Our sustainability team has analysed the environmental impacts of our mining and manufacturing operations, and we strive to continuously improve our performance on the metrics we deem most important, given the nature of our business.

Tronox also believes in long-term sustainability in the areas in which we mine. In this regard, we focus on rehabilitation of the land once we have completed our mining operations. The rehabilitation of the Hillendale Mine has now become a showcase to other plants around the world.

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Tronox Holdings plc is one of the world's leading producers of high-quality titanium products, including titanium dioxide pigment, specialty-grade titanium dioxide products and high-purity titanium chemicals, and zircon. We mine titanium-bearing mineral sands and operate upgrading facilities that produce high-grade titanium feedstock materials, pig iron and other minerals. With approximately 6,500 employees across six continents, our rich diversity, unmatched vertical integration model, and unparalleled operational and technical expertise across the value chain, position Tronox as the preeminent titanium dioxide producer in the world.

For more information about how our products add brightness and durability to paints, plastics, paper and other everyday products, visit tronox.com.