

DuPont Titanium Technologies Plant in North East Florida (second revised 11/17/07)

Throughout time, people have utilized the land and extracted its natural resources to improve and enrich human life.

All the products that we enjoy come from one of two places-they are either grown or mined. Farmers extract nutrients from the land to grow food and then restore the land for future use.

*In a similar manner, **DuPont** extracts valuable minerals and then the land is returned to its pre-mining use while the environment is protected and enhanced.*

For over 50 years DuPont's Florida Plant has been ...making life Brighter by:

- **Providing over \$50 million of Economic impact annually and over 225 jobs to Florida residents**
- **Safely producing quality mineral products to improve the quality of life for millions of people while protecting and enhancing the environment**

Ilmenite is a titanium bearing mineral that is the main ingredient to create **titanium dioxide**.

Every year, each person in North America uses 10 lbs of titanium dioxide for clothing, paper, paint, sun block and others products.

For instance, titanium dioxide allows you to read this page without seeing the writing on the next page.

Starblast (Staurolite and blasting sand) is a very hard alumina bearing mineral which is an excellent abrasive to clean metals. This product is critical to construction and infrastructure improvement projects. **It's low-dusting and recyclable qualities make it a preferred choice for environmental or occupational health concerns.**

Zircon, a zirconium bearing mineral, powdered zircon is used to produce porcelain tile and china. It is used to produce high-performance metals for military and aerospace applications. **DuPont is the only American-Owned domestic source for these minerals.**

- **Protect and enhanced the environment** by returning the land back to productive use as forests, wetlands and wildlife habitat. The reclamation process begins immediately after the extraction process. There are no chemicals used to extract the minerals, no pits left behind and no land overburden or waste. These minerals only comprise 2% to 3% of the collected sand. Therefore, 97% to 98% of the sand is returned to the land with in minutes. The sand that is returned is re-contoured and then the topsoil is replaced. Native grasses are re-established and within one to two years tree seedlings are planted and wetlands are restored.

