

WHAT IS PRILL?

Prill is ammonium nitrate used in Morenci for blasting activities and is mixed with fuel oil to create Ammonium Nitrate and Fuel Oil (ANFO). Prill is considered an oxidizer and by definition is classified as a hazardous material. On occasions, small amounts of Prill may be spilled on the ground and must be managed properly.

WHAT IS THE PROCEDURE FOR HANDLING SPILLED PRILL?

- Spilled Prill will be managed as a product and not as a waste. Spilled Prill at the loading/unloading area (i.e., bins) will be containerized immediately.
- Containers will be labeled, closed, and in good condition.
- The containerized Prill will be taken to a blast site and added into the blast hole. Site conditions may dictate that the Prill be poured into the bottom of a blast holes (i.e., 'over-drilled' holes may be backfilled with spilled Prill rather than drill cuttings) prior to adding the ANFO, poured on top of the ANFO column prior to stemming (i.e., away from booster), or in small quantities, added directly to the ANFO column when loading. In any case the Prill loaded into a hole must be in contact with ANFO.
- After the containerized Prill is poured into the blast hole(s), the site or responsible contractor will detonate the shot using standard blasting procedures.

QUESTIONS OR NEED HELP? CONTACT:

Your Division Representatives/Environmental Reps

Environmental Services Office: 928-865-6000