

# Gold Dust™



## Super Absorbent Wound Filler

“Gold Dust™” is a high absorbent hydrophilic polymer capable of absorbing large amounts of exudate and retaining the exudate in the matrix even under high pressures. The aqueous fluids remain trapped in the polymer matrix and can only be removed by evaporative drying or solvent extraction. Therefore, when used as a wound dressing, Gold Dust™ protects the wound tissue and the surrounding periwound area from maceration and degradation.

Gold Dust™ may be used as dry granules on highly exuding wounds, but the wounds must be monitored for the potential of over-drying the tissue. Often dressing changes can be reduced from several times a day to once a day or even once every 2 or 3 days. Thus, a great saving in time and supplies. Many chronic wounds are highly exuding and the large amount of exudate is attributable to a high bioburden in the wound site, which has resulted from the patient's compromised immune system. By absorbing the exudate into the polymer matrix the nutrient supply and the environment for the bacterial growth is concentrated in the polymer matrix and not as much in the tissue. The absorption of the fluid also reduces the rate of reproduction of the microorganisms by reducing their ability to move freely and reduces the nutrient transport to the organism. This absorption of the fluid effectively reduces the irritation to the tissue and allows the healing process to proceed. The healing in turn reduces the amount of fluid produced, which reduces the amount of contamination, etc. and if the nutrition is sufficient, wound closure occurs.

**Caution:** When managing moderate to low exuding wounds, one must pre-moisten the Gold Dust™ granules to form a gel (follow the directions provided) to avoid over-drying the tissue. Because of the high absorption

capacity of the product, even the Gold Dust™ as a pre-moistened gel can cause a painful “burning” or stinging sensation for the patient. Often the pain will go away after 10 to 30 minutes. However, in some cases additional measures must be used to prevent or reduce this burning from occurring. Methods to reduce the problem are: wet the tissue with a small amount of sterile water or add a thin layer of high water content amorphous hydrogel. In some cases, the Gold Dust™ must be removed, especially for the patients with a low degree of pain tolerance.

### **Suggested Cover Dressing:**

It is recommended that the Gold Dust™ be covered with *Elasto-Gel™ (Novogel™)* wound dressing. The bacteriostatic action of this dressing will enhance the effectiveness of the Gold Dust™ to reduce the bioburden in the wound. If the quantity of wound exudate is reduced to a relatively small volume, *Elasto-Gel™ (Novogel™)* dressings may be a sufficient dressing. It has been reported that *Elasto-Gel™ (Novogel™)* will reduce the odor in most wounds due to its bacteriostatic action.

For further information contact your local distributor or contact Southwest Technologies, Inc. directly.

## Ordering Information

Stock #	Description	UPC	Packaging
DR9300	Gold Dust™, 3 gram pkt	745713-69300	10 pkt/box 10 boxes/case

## Instructions For Use:

### Heavily exuding wounds

1. Clean the wound as necessary.
2. Sprinkle a layer of Gold Dust™ to generously cover the wound area. Note: Product will absorb 100 times its own water weight. Therefore, it may not be necessary to use the entire contents of this package.
3. Once the product interacts with the wound exudates, the powder will turn into a gel.
4. Cover the wound with a non-adherent dressing and secure with tape or elastic bandage.
5. Change the dressings daily or when saturated with exudate. Gold Dust™ may be flushed using saline or irrigation system.

### Moderately exuding wounds

1. Clean the wound as necessary.
2. Mix packet contents (3 gr) into 30 cc of water, mix rapidly.
3. Fill the wound cavity with the “gel” from step 2.
4. Cover the wound with a non-adherent dressing and secure with tape or elastic bandage.

**Caution:** Not recommended for non-draining or lightly exuding wounds. Consult a physician if signs of infection occur: fever, swelling, pain, etc...

 southwest technologies inc.