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Thursday, November 10, 2011

Re: Futrfill Material

This is letter to describe the material that we have helped to develop with Target Technologies: Futrfill TPE.

Futrfill was developed with physical safety, environmental safety, and longevity in mind, & produced in North America. This product was developed as a premium, alternate infill material with the potential for multiple life-span usages.

While this is a product that is designed to be color fast, UV resistant, and hold up to the abuse of constant use in just about any situation, we have been able to make the product without any of the heavy metals or toxic chemical leaching problems potentially associated with some of the other TPE's produced outside of North America. Testing shows that our material does not leach any heavy metals or toxic chemicals, and it is our opinion that this is one of the best products ever developed for a synthetic infill to ensure child, athlete and environmental safety. Our material also is designed to be maintenance free once in place, ensuring years of use without the constant need for water, pesticides, insecticides or other chemicals that natural surfaces require to stay in tip top shape.

We have also designed the shape of the individual ovoid pellets to lock into place better and not roll like spherical pellets, helping hold them in place on the field, keeping them from ending up in the runoff stream. This ovoid design has a double benefit of helping to maintain the integrity of the pellet over the life of the field. Some other infills are irregular shapes, and our testing has shown that continual wear and tear on these types of shapes cause the points of these shapes to be ground down into smaller and smaller particles, causing dust issues, leading to material loss during rain events, and decreasing the overall physical properties of the field.

FutrFill TPE is designed to be maintenance free, once installed in the turf. This ensures years of use without the need for water, pesticides, fertilizers and other chemicals – often required in natural grass turf installations.

If there are any technical questions about the material, please feel free to give me a call and I will be more than willing to help.

Sincerely,

Cody Bates  
President  
TDL Plastics