Don’t kid around with safety.

TTII PRO-MAX 37 TPE

- Polyvinyl Chloride (PVC) Free
- Bisphenol A Free
- Phthalate Free
- Heavy Metal Free
- Made from Virgin Polymers

If considering a TPE, EPDM or other plastic infill with a PVC component for your infill it is important to know….

- PVC is 57% chlorine and is a polymerized form of vinyl chloride which is classified as a carcinogen by the EPA, WHO, California Prop 65, US Department of Health and Human Services and the International Agency for Research on Cancer
- PVC in its natural form is very hard and chemicals must be blended into it to make it soft. Any material used to plasticize PVC (make it soft) will leach out because the plasticizer is not strongly bonded to the polymer matrix. Once these chemicals have leached out into the surrounding environment, the PVC becomes harder and more brittle and the field will change
- Because of health concerns PVC is being replaced in toys, healthcare, automotive, packaging and building product applications
- Entire European countries and numerous cities are outright banning the use of PVC in any form or even disposing of it in their regulated landfills

Important Links about PVC:

- http://www.ussafety.com/media_vault/documents/1264894110.pdf
- http://216.92.54.3/pvc/government.htm
- http://www.pvc.org/en/p/what-is-pvc
- https://healthybuilding.net/uploads/files/phthalate-free-plasticizers-in-pvc.pdf

Don’t gamble with quality.

If considering a RECYCLED TPE, EPDM or other plastic product for your infill it is important to know….

- Uncontrolled chemistry can lead to inconsistent physical and chemical properties
- Many have pungent odors from previous uses and chemical releases during reprocessing
- Not having virgin or clean chemical and polymer ingredients can lead to a shortened field life and a less safe playing surface due to premature degradation of the infill system
- Unintended leaching of chemicals to the playing surface and environment because of lack of control of constituent prior use and production
- Oil used to help soften the product can often coat the recycled material and on the surface readily transferred to turf, then to the users of the field
- Irregular non-geometric shape and residual biological matter in the product can create an environment for bacterial and fungal growth
- Irregular shape leads to easier pulverization of the material due to use, like grinding it to pieces between your fingers, leading to a loss of desired GMax properties
- Dust created by geometrically unstable particles being pulverized under harsh field conditions
- Blending of various recycled feed stock materials for infill uses materials as a base that were never intended for these kinds of applications
- Because of an uncontrolled history on the feedstock, there is a greater chance of the recycled material containing phthalates, heavy metals and BPA than a virgin product

Go with peace of mind.

TTII PRO-MAX 37 TPE

A PRO-MAX 37 TPE Field high in the US Rockies

TTII PRO-MAX 37 TPE was developed with physical safety, environmental safety and material longevity in mind

- 100% virgin materials guarantee a consistent and safe product
- Phthalate, heavy metal, and BPA free by design and strict quality control
- Meets European Standard EN71-3 Safety of Toys
- Meets California's Prop 65
- Passes ASTM E648 Class 1 requirement for Critical Radiant Flux testing
- LC 50 Rainbow Trout Bioassay Test – yields 100% survival after 96 hours
- UV Testing EN14836 – no color change after 2550 hours of exposure
- Thermal Stability – does not agglomerate at 239° F
- 5 Element Water Criteria Test – passed all 5
- Dust free throughout the life cycle because the shape prevents pulverization
- Odorless
- Color stable due to high quality, light stable pigments
- Manufactured in North America
- ISO Certified
- 8 year Manufacturer's Warranty

Click for additional information or to request a quote

TTII™ TARGET TECHNOLOGIES INTERNATIONAL INC.
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