cradletocradle®

Cradle to Cradle™ is a registered trademark of MBDC

Cradle to Cradle: EPIC^3

Extraordinary Programme for Innovative C2C Cellulosics Cycle

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TANATEX® CHEMICALS

Cradle to Cradle: EPIC^3

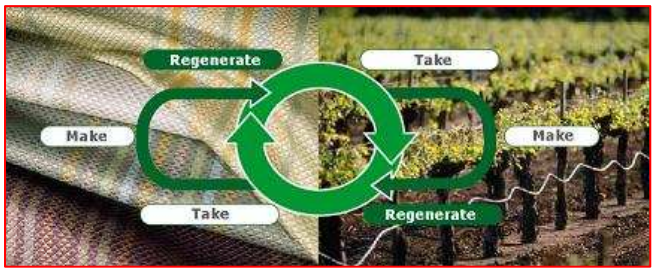
TANATEX has committed itself to the Cradle to Cradle (C2C) philosophy by implementing EPIC^3: Extraordinary Programme for Innovative C2C Cellulosics Cycle.

Waste = Food
Cradle to Cradle Design takes its inspiration from nature, in which there is no place for the concept of waste, but in which waste = food.

'Cradle to Cradle' is the antidote to the 'Cradle to Grave' paradigm, where product cycles are not really cycles but mostly half cycles in which products, after their useful life, are put out of sight in landfills.

The purpose of the Cradle to Cradle Design is to restore continuous cycles of biological as well as technical nutrients with long terms positive effects on profitability, the environment and human health.

TANATEX believes that C2C is the next generation environmental guiding principle as it is the only alternative for prolonged use of scarce global raw materials.



TANATEX has chosen a complete discontinuous bleaching, dyeing and finishing process of cellulosics: EPIC^3.

Products included are:

- ***TANNEX® NOVECO***
  Multi-purpose, clay-based product, bleach stabilizer
- ***PERSOFTAL® L***
  Dyebath lubricant, fatty based
- ***LEVEGAL® 221***
  Levelling agent for vat dyeing
- ***PLEXENE® QXL***
  Biodegradable sequestrant for bleaching and dyeing
- ***RESPUMIT® BA 2000***
  Biodegradable, natural oil based defoamer
- ***TANATERGE® M-RE***
  Postscouring agent for reactive dyeings based on minerals
- ***BAYLASE® CS***
  Non-GMO biopolishing enzyme
- ***PERSOFTAL® EP 6450***
  Softener, partially based on natural raw materials (lanolin)

TANATEX is at the moment the only textile chemicals supplier with a complete C2C system approach.

The EPIC^3 system and its underlying products have received an official 'Quality Statement' from EPEA (*), stating that these products can be used without any problems in certification of C2C end-articles.

(*) EPEA is the Environment Protection Encouragement Agency: the official C2C certifying body.

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