

TYPES OF RELEASE AGENTS FOR POLYURETHANE FOOTWEAR SOLES



PROPERTIES

- They avoid the high adhesion of polyurethane to the mould and allow to remove the pieces without imperfections.
- Gloss or matt and uniform finish of the part.
- Low fouling of moulds and mould holders.
- Versatility for different sole designs.
- We offer solutions to reduce the amount of VOCs, TLVs and DNEL.
- Ability to adapt the product to the needs of each client

ADVANTAGES

- Optimize the production process of PU moulded parts
- Cost-efficient solutions according to the needs of each client
- Latest technologies that fit market trends



LATEST TECHNOLOGIES IN THE DEVELOPMENT OF CONCENTROL RELEASE AGENTS

LATEST MARKET TRENDS

- Reduction of VOC's and FOG.
- Lower flammability
- Less toxicity of the products involved in their formulation and implications in the work environment, with particular reference to tin compounds and solvents.
- Reduce the final impact on the environment.

HYBRID RELEASE AGENTS

Their active ingredients are formulated half solvent base and half water base.

- Price reduction
- Reduction of VOC's
- Less toxicity

ELECTROSTATIC RELEASE AGENTS

Applied by means of guns connected to a negative pole on a mould connected to a positive pole and subjected to a high voltage current that generates an electrostatic field.

- Reduction of consumption between 30% and 50%
- Significant reduction of VOC's
- Less toxicity

TIN FREE RELEASE AGENTS

Formulated without organotin components.

- Elimination of DBTL (Dibutyl tin dilaurate) salts
- Elimination of other tin salts used as catalyst
- Less toxicity