

> RELEASE AGENTS

# For Polyurethane Footwear Systems



## Excellent Mold Release

Teknik Kimya, mold release agents for polyurethane slippers and soles have an excellent mold release power and very low built-up properties. Ready-to-use, ready-to-use concentrated, concentrated-dilutable versions are available. In addition, mold release agents water-based, non-toxic and eco-friendly have been developed.

- > Economical
- > Minimum consumption
- > Very low built-up
- > Excellent mold release feature
- > Desired matting or glossy value
- > High stability

PERFORMANCE  
CHEMICALS

RELEASE  
AGENTS

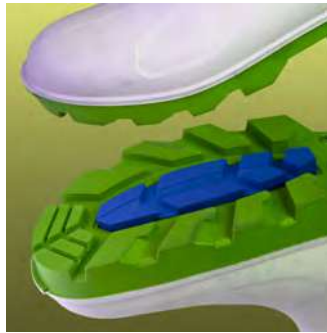
LIQUID COLORANTS  
(MASTERBATCHES)

COATINGS, VARNISHES AND  
AUXILIARY CHEMICALS

## TECHNICAL AND PHYSICAL PROPERTIES

Product	Base	Properties
<b>Armaliz 3013</b>	Water	Semi matt finish for soles and slippers
<b>Armaliz 3014</b>	Water	Easy adhesion, paintable
<b>Armaliz 3015</b>	Water	Smooth finish, easily washable, paintable
<b>Armaliz 3315</b>	Water	High gloss for slippers and soles
<b>Sintaliz 1700 Conz</b>	Solvent-Class II A2	Easily washable, homogenous and glossy surface
<b>Sintaliz 2150</b>	Solvent-Class III A3	Easily washable, homogenous and glossy surface
<b>Sintaliz 7007</b>	Solvent-Class III A3	Maximum glossy surface for slippers
<b>Sintaliz 1126</b>	Solvent-Class III A3	Easily washable, smooth and glossy surface
<b>Sintaliz 1127</b>	Solvent Free	Dilutable, concentrated
<b>Sintaliz 1133</b>	Solvent-Class III A3	Minimum consumption, very low buildup, high flash point
<b>Sintaliz 1153</b>	Solvent-Class III A3	Glossy surface, very low buildup
<b>Sintaliz 1190</b>	Solvent-Class I A1	Very low buildup in insole, excellent mold release, hard film
<b>Sintaliz 1194</b>	Solvent-Class I A1	Balanced mold release for dual density
<b>Sintaliz 7114</b>	Solvent-Class III A3	For dual density safety shoes, matt finish
<b>Sintaliz 7115</b>	Solvent-Class III A3	Balanced mold release for dual density
<b>Sintaliz 7200 Conz</b>	Solvent Free	For dual density safety shoes, matt finish

Class I A1 (low flash point), Class II A2 (medium flash point),  
Class III A3 (high flash point)



**Armaliz 2500 Series** are water-based. These products provide matt surface and are suitable for the production of non paintable slippers because of their poor paintability property.

**Armaliz 3000 Series** are water based. These products provide glossy surface and are easily washable. The products are suitable for different production processes of soles.

**Sintaliz 1100 Series** are odorless, deodorized, formulated with paraffinic solvents. These products are easily washable with excellent mold release power and the optimum lubricity properties.

**Sintaliz 2000 Series** are silicone-free and wax-based products. These products are compatible with all kinds of polyurethane raw materials which are used for insole.

**Sintaliz 7000 Series** are formulated for dual density polyurethane soles. These products provide balanced separation and do not damage the lamination between the sole layers.

Teknik Kimya San. ve Tic. A.S started its industrial experience in 1989 with the production of textile auxiliary chemicals. Today, it continues to produce performance chemicals, mold release agents, paint, liquid colorants, varnishes and auxiliary chemicals for automotive, furniture-Foam, shoes, textile, detergent, paint, plastic-rubber and polyurethane industries.

In 2012 by opening a new branch in Gaziantep and increasing the capital in 2019 our total area reached to 10000 m<sup>2</sup> and annual production capacity to 12500 tons per year. We export goods and services to more than 50 countries.

By investing in environment, sustainability, quality, innovation, R&D, new production technologies, human resources and services Teknik Kimya offers best solutions that add value to its stakeholders in the sectors it serves.

**TeknikKimya®**  
PERFORMANCE CHEMICALS

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