



KIMplus Auxiliary Materials

The release agents developed by **Kimpur** for convenience in the production of polyurethane systems and liquid color masterbatches designed with suitable binders used to color polyurethane are collected under **KIMplus** Auxiliary Materials product line.

Release agents provide easy and non-deformable release of the product from the mold by forming a layer between the polyurethane and the mold, while liquid color masterbatches are used to color polyurethane systems.

Release Agents

AREAS OF APPLICATION

- Footwear Industry
- Automotive Industry
- Furniture Industry
- Construction Industry



ADVANTAGES

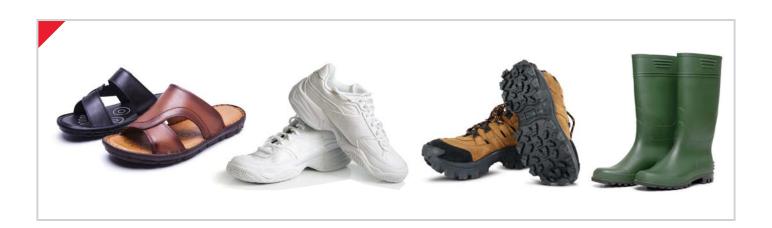
- Ease of application
- Production efficiency with the advantage of weight
- Cost benefit
- Smooth skin appearance
- High system performance
- Skin alternatives with different characteristics
 (Dry, wet, mat, semi-mat, glossy, semi-glossy)





KIMrelease Release Agents Developed for Footwear Systems

| PRODUCT | PRODUCT TYPE | DEFINITION |
|-------------------|---------------|--|
| KIMrelease FW 005 | Solvent-Based | High-solid, glossy-finish release agent. Suitable for sole, slipper, single-density safety shoes injection and single-density PU boot applications. |
| KIMrelease FW 006 | Water-Based | Water-based release agent with 64% silicone ratio. Suitable for eva and rubber manufacturing. Dilutable at the desired rate. |
| KIMrelease FW 007 | Solvent-Based | High-solid, silky and semi-mat finish release agent. Suitable for dual-density safety shoes injection and dual-density PU boot applications. |
| KIMrelease FW 008 | Solvent-Based | High-solid, ultra glossy-finish release agent. Suitable for slipper manufacturing. Not suitable for subsequent painting and gluing. |
| KIMrelease FW 009 | Solvent-Based | Low-solid, dry mat surface-finish release agent. Suitable for foam applications such as fussbet, memory foam, etc. |
| KIMrelease FW 010 | Water-Based | Water-based release agent with medium-solid silicone ratio. Suitable for eva injections. Dilutable at 1/8. |
| KIMrelease FW 011 | Oil-Based | 100% solvent-free mold release compound. Glossy-finish release agent. Suitable for sole, slipper, single-density safety shoes injection and single-density PU boot applications. |
| KIMrelease FW 012 | Solvent-Based | Mid to high-solid, glossy-finish release agent. Suitable for sole, slipper, single-density safety shoes injection and single-density PU boot applications. |
| KIMrelease FW 013 | Water-Based | High quality water-based release agent emulsion developed for the production of double density polyester polyurethane direct injection soles, slippers and shoes. |
| KIMrelease FW 014 | Water-Based | High quality water based release agent emulsion developed for the production of single density polyester polyurethane soles, slippers and injection soles. |





KIMrelease Release Agents Developed for Rigid Applications

| PRODUCT | PRODUCT TYPE | DEFINITION |
|--------------------|---------------|--|
| KIMrelease RGD 001 | Solvent-Based | Especially suitable for low-density rigid polyurethane foam (rising foam) applications (solar energy and boiler applications, etc.). |
| KIMrelease RGD 002 | Solvent-Based | An easy-to-paint, silicone-free release agent suitable especially for high density rigid polyurethane foam applications (wood imitation applications, etc.). Ready to use |
| KIMrelease RGD 003 | Solvent-Based | Intense thickness release agent suitable for general rigid polyurethane foam applications (cold room, discontinue panel applications, etc.). Ready to use |
| KIMrelease RGD 004 | Solvent-Based | Solid release agent suitable for general rigid polyurethane foam applications. Also used as mold preparation and running-in product. |
| KIMrelease RGD 005 | Water-Based | Release agent especially suitable for low-density rigid polyurethane foam (rising foam) applications. Ready to use |



KIMrelease Release Agents Developed for Integral Foam and RIM Applications

| PRODUCT | PRODUCT TYPE | DEFINITION |
|--------------------|---------------|---|
| KIMrelease FIW 001 | Solvent-Based | Semi-glossy-finish release agent suitable for microporous polyurethane applications such as integral. Suitable for in-mold paint IMC. |
| KIMrelease FIW 002 | Water-Based | Semi-mat-finish release agent suitable for microporous polyurethane applications such as integral. Suitable for in-mold paint IMC. |
| KIMrelease FIW 003 | Solvent-Based | Semi-mat-finish release agent suitable for microporous polyurethane applications such as integral. Suitable for in-mold paint IMC. |
| KIMrelease FIS 001 | Solvent-Based | Low-solid, glossy-finish release agent suitable for microporous polyurethane applications such as integral. Ready to use |
| KIMrelease RIM 001 | Solvent-Based | Glossy-finish release agent especially suitable for RIM polyurethane applications. Ready to use |



KIMrelease Release Agents Developed for Flexible Foam Systems

| PRODUCT | PRODUCT TYPE | DEFINITION |
|--------------------|---------------|---|
| KIMrelease FCW 001 | Water-Based | High-solid, glossy and medium-wet finish release agent. Suitable for flexible foam applications such as office furniture, car seat, insulation applications, etc. |
| KIMrelease FCW 002 | Water-Based | High-solid, dry mat surface-finish release agent. Suitable for flexible foam applications such as office furniture, car seat, insulation applications, etc. |
| KIMrelease FW 009 | Solvent-Based | Low-solid, dry mat surface-finish release agent. Suitable for flexible foam applications such as office furniture, car seat, insulation applications, etc. |



KIMrelease Release Agents Developed for Cast Elastomer Systems

| PRODUCT | PRODUCT TYPE | DEFINITION |
|--------------------|---|--|
| KIMrelease CEW 001 | Concentrated Solvent-Free Oil-Based | 100% concentrated release agent. Suitable for polyurethane hot casting applications. It can be used at high mold temperatures (max 150°C) and diluted with suitable solvents. |
| KIMrelease CEW 002 | Concentrated Solvent-Free Oil-Based | 100% concentrated release agent. Suitable for polyurethane hot casting applications. The product acts as an anti-foaming for drifting and preventing air bubbles and foams formed during the mixing phase. |
| KIMrelease CES 001 | Includes Solvent | High solid release agent. Suitable for polyurethane hot casting applications. It can be used at high mold temperatures (max 150°C). |

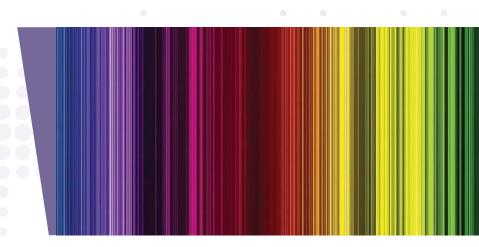


Liquid Color Masterbatches

AREAS OF APPLICATION

Footwear industry

(Sole and slipper manufacturing)



ADVANTAGES

- Customized production in line with customer demands
- Perfect surface compatibility
- High dyeing power
- Production efficiency
- Excellent fluidity properties
- High light fastness
- 1-5% utilization rate
- Resistance to high temperatures
- Broad color scale

KIMcolor Sıvı Renklendiriciler

KIMcolor FW 001 – Black Series

KIMcolor FW 002 - Grey Series

- KIMcolor FW 002-1 (Dark grey with blue tones)
- KIMcolor FW 002-2 (Light grey with yellow tones)

KIMcolor FW 003 – Beige Series

KIMcolor FW 004 - Brown Series

KIMcolor FW 005 - White Series



KIMcolor Sprey Boyalar

KIMcolor FW 1000 - Black Series

KIMcolor FW 1100 – Grey Series

KIMcolor FW 1200 – Beige Series

KIMcolor FW 1300 – Brown Series

KIMcolor FW 1400 – White Series

Please contact our sales office for more information about the products, TDSs and MSDSs.



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Turkey's Top



Industrial Enterprises

Turkey's Largest





PRODUCTION CAPACITY

120.000 **TONS**



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Kimpur Means Mutual Trust and Cooperation

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Kimpur Means Quality

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Kimpur Means Fast Approach to Market Challenges



Kimpur Means Strong Communication Networks with Its All Stakeholders



Kimpur is an Innovator and Solution Provider



Kimpur Means Experience



Kimpur is Sensible to The Environment



Kimpur is a Leading and **Technology-Oriented Company**





KİMTEKS POLİÜRETAN SANAYİ VE TİCARET A.Ş.

HEAD OFFICE:

Emniyet Evleri Mah. Eski Büyükdere Cad. Sapphire Plaza No:1/4 Kat: 19 D:01 Kağıthane 34415 İstanbul TÜRKİYE

Phone: +90 212 809 15 50 Fax : +90 212 809 15 49

GEBZE FACTORY:

Gebze Plastikçiler Organize San. Bölgesi 7. Cadde No:43 41400 Gebze Kocaeli TÜRKİYE

Phone: +90 262 751 44 71 Fax : +90 262 751 02 57

GAZÍANTEP:

Sanayi Mah. Modern Sanayi Sitesi 60363 Nolu Cad. Zemin Kat No: 82 Şehitkamil Gaziantep TÜRKİYE

Phone: +90 342 325 57 97 Fax : +90 342 325 57 97