



# RUMSIL 586 Emulsion

Aqueous Emulsion of Mold Release Agent for Polyurethane

## COMPOSITION

- High solid content
- Polysiloxane
- White emulsion

## TYPICAL PROPERTIES

Property	Unit	Result
Appearance		White, emulsion
pH (contains 1% water)		6-8
Emulsifier type		Non-ionic
Solvent (Thinner)		Cold water
Solid content	%	> 15
Specific Gravity at 25°C (77°F)	g/ml	≈ 1.0

## FEATURES & BENEFITS

RUMSIL 586 Emulsion is an environmentally friendly, high concentration product.

- Offers excellent release of **PU (Polyurethane) shoe soles, PU shoe materials, PU toys, PU flexible foam, PU rigid foam.**
- Minimal build-up.
- Easy to dilute.
- Extremely high stability.
- Non-toxic; Non-corrosive.
- Diluted emulsion can be applied by spraying, dipping or wiping.
- Produce smooth and thin film, provides the ease of release.
- Great thermal stability.
- No Irritating smell.
- Does not damage steel or aluminum molds;
- Effectively extends lifespan of molding machines and saves maintenance fee.
- Convenient for secondary processing (i.e. spray painting, electroplating, etc.).

## HOW TO USE

Dilute with soft water. For different applications, RUMSIL 586 should be diluted to one part of emulsion to 1-30 parts water. After dilution, RUMSIL 586 can be applied by spraying, dipping or wiping uniformly to the molds. The specific usage varies on each application, should be tested on before use.

## PACKAGING & STORAGE

This product is available in 25, 50, 200kg containers. This product is neither combustible nor explosive. Shipping and store as non-hazardous materials. When stored at or below 37°C in the original unopened containers, this product has a usable life of 24 months from the date of production. No exhaust in appropriate use.