

AMERICAS

RELEASE SOLUTIONS FOR MOLDING CHALLENGES

SILICONE-BASED EMULSIONS,
RESINS AND COPOLYMERS



IT'S NEVER BEEN SO EASY TO LET GO

We know how crucial release agents are to the efficient, high-quality release of molded parts.

They provide the critical barrier between a mold and other materials, promoting easy removal of the cured part from the mold. But if the separation doesn't go smoothly, it's not only frustrating, but can be a profit killer for your customers.

Our silicone-based materials provide excellent release for thermoplastics, thermoset, rubber and composites, along with the added benefits of heat stability and good wetting and spreading. Low-VOC and water-based formulations are available.



TAKE THE PAIN OUT OF PART AND MOLD SEPARATION

Our silicone-based emulsions, resins and copolymers can help you develop release agents that take the pain out of part and mold separation.



KEY FEATURES & TYPICAL BENEFITS

- Complete coverage
- Minimal reapplication
- Easy release
- Good wetting and spreading
- Nominal residue and minimal buildup on molds
- Excellent resistance to heat and chemicals
- Low surface tension
- Low-VOC and water-based formulations are available

POTENTIAL APPLICATIONS

- Composite
- Epoxy resin
- Polyester
- Polyurethane
- Rubber

Help Your Customers Escape the Torment of a Sticky Cast or Mold

Developing high performance mold release agents that provide consistent, easy release for even the most intricate molded parts is made easier with the addition of our silicone-based emulsions, resins and copolymers.

Break Free with Advanced Technology

We can help you find the right balance between coverage, durability and performance so that you can create release agents that streamline molding operations. And, with our extensive knowledge of silicones, we're developing cleaner, safer-to-handle products that help you meet regulatory requirements.



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