SLIDE

PROCESSING AIDS
FOR PLASTICS MANUFACTURERS AND MOLD MAKERS

If you don't want it to stick, make it Slide

Mold Releases Page 3

Ejector Pin Grease Page 7

Mold Cleaners Page 8

Rust Preventives Page 10

MRO Page 11

Purging Compounds Page 12

Spray Units/Accessories Page 13

Work better. Smarter. Faster. With products that make it Slide.

Here's your guide to choosing the best mold releases, ejector pin greases, mold cleaners, purging compounds, rust preventives and other processing products. All are carefully formulated to help plastics manufacturers and mold makers maximize their productivity.

How we got our start in the plastics industry is an interesting story…..

Founded by Accident Thriving by Design

Slide Products was founded in 1953 by Percy Harms, a steel salesman calling on tooling companies during the infancy of the injection molding industry. Eager to find a solution that would prevent plastic parts from sticking in molds and negatively impacting his customers' productivity, Percy had an idea – what about putting silicone oil in an aerosol can?

His solution worked, resulting in the first ever Slide mold release as well as the founding of the Percy Harms aerosol company. Soon, Percy was selling his line of aerosols on the side while maintaining his steel sales job. Within a decade, it was time to devote his energies to his new aerosol company full time, and add his two sons, Jim and Hank, along with chemist Jan van der Graaf to his team.

Another decade later, the company moved to its current location in Wheeling, IL, and began producing their products in-house. While Percy Harms Corp. explored other industries, they remained focused on their key markets – plastics processors and tool builders.

While our company's name was officially changed to Slide Products in 1993, our commitment to innovation and customer service has never wavered. Over the years, our distribution network has grown substantially. With more than 200 stocking distributors in 30 countries, Slide Products is simply everywhere plastics are being processed worldwide.

Even today, we remain focused on our customers, distributors and products. Together, we're eagerly looking forward to the next 65 years for our company.

The Slide Products Difference

What makes working with Slide Products and our distributors better than buying products from a catalog supply house? Simple. It's the Slide Products Difference. Only at Slide can you expect:

Local service and support – More than 200 stocking distributors in more than 30 countries worldwide.

Faster order turnaround – Many local distributors can ship products to arrive the next day (or even the same day!)

New, more effective formulations – Slide's Research Team develops new products to address evolving customer needs and meet the latest OSHA, environmental and government regulations.

Double product guarantees – Both Slide and our distributors make sure you're 100% satisfied with every product you order.

A wider variety of formulations – Extremely effective active ingredients are in every product so you can choose what's best for your shop.

No chlorinated solvents – Products are safer for your work environment and better for your bottom line.

Unique, tailor-made solutions – We work with you to meet your specific requirements (contact Slide for details.)

Free samples – Just ask your local distributor, call Slide Customer Service or go to www.slideproducts.com/samples.

Face-to-face, hands-on knowledge – Local distributors with years of industry-specific experience are ready to help.

Faster customer service and response – For technical or order assistance, just contact us directly:

Phone: 1-800-323-6433
Orders: orderdesk@slideproducts.com
Help: info@slideproducts.com
Website: www.slideproducts.com

Information in this catalog is for reference only and is subject to change without notice. Please contact Slide Products for the latest information.

Your local Slide distributor gives you even greater value.

For over 65 years, Slide Products has been committed to servicing customers through local distribution. Today, we have over 200 stocking distributors in more than 30 countries worldwide. To put it simply, we're everywhere you need us. And with one-day shipping standard across the US, you'll also get the products you need, when you need them.

In addition to helping you select the right products, Slide distributors are committed to supporting you with the best service. Only Slide Products has more than 200 distributors with the training and expertise to provide your factory with unparalleled, on-site technical support.

To find the nearest Slide distributor, just go to www.slideproducts.com. From the best products and local service, to on-site technical support, our team is ready to help.

You can find the nearest Slide distributor by visiting our website at www.slideproducts.com.

©2020 Slide Products. Inc.

Slide Makes Choosing Easier

We know the right mold release with the right formulation is critical to your productivity. Slide Products helps you make it easier to choose.

Simply review the chart below and pick the product with the characteristics that are critical to you.

Free Samples Make Testing Easier

Slide also knows the proof of effectiveness is right at the mold. So we offer you free samples to test in your plant, so you can try it before you buy it.

Once you choose the releases you feel are right for you, call your local distributor, go to www.slideproducts.com/samples, or contact Slide Products' customer service at 1-800-323-6433 to get your free samples or additional assistance in choosing the right release for you.

● Indicates most recommended.

This release recommendation chart is intended to be a general guide based on field testing performed over the last 65 years.

Always pre-test any release with a particular resin. Mold configuration and condition can greatly affect part releaseability.

	LIGHT-DUTY MOLD RELEASES											HEAVY-DUTY MOLD RELEASES					SPECIALTY MOLD RELEASES									THERMOSET RELEASES			
MOLD RELEASE CHARACTERISTICS	EconoMIST 41612N	Paintable 40012N	Pure Eze 45712N	Knock Out 46612N	Econo-Spray 1 40510P	Econo-Spray 2 40710P	Econo-Spray 3 40810P	Quick Silicone 44612E	Quick Paintable 44712E	Quick Lecithin 44812E	LMR 43512N	Silicone 40112N	SSL 42112N	Heavy-Duty Mold Release 54912	Polycarbonate 41412N	Universal 42612H	DFL Dry Film Lube 41112N	Zinc Stearate 41012N	Electronic 42712N	E/S water-based silicone 44312	E/S water-based lecithin 44512	Water Soluble 41212N	Hi-Temp 1800 44110A	Mold Saver 42510P	Investment Wax Casting 54882	Urethane 45812H	EpoxEase 40614	Thermoset 45414	DuraKote 41712
No chlorinated solvents	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Food-approved (silicone)	●				●			●				●	●							●					●				
Food-approved (non-silicone)			●	●			●			●	●			●		●					●								
Paintable		●	●	●		●	●		●	●	●			●	●	●	●	●	●		●	●	●	●			●	●	
Fast-acting solvent					●	●	●	●	●	●							●	●					●	●			●	●	
Will not interfere with bonding			●	●			●			●	●			●		●	●	●	●										
Ultrasonic welding compatible			●	●			●			●	●			●		●	●	●	●			●	●	●	●				
Recommended for medical molding			●													●													
MOLD RELEASE/RESIN RECOMMENDATION																													
ABS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●			
Acetal	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●			
Acrylic	●	●	●	●								●	●	●	●	●	●		●			●							
Epoxy & Phenolic			●	●													●	●									●		●
Noryl®	●		●	●				●				●	●	●		●	●	●				●							
Nylon	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●				●							
Polycarbonate	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●			●			
Polyester			●														●	●				●					●	●	
Polyethylene	●	●	●	●	●	●	●			●	●		●	●		●		●											
Polypropylene	●	●	●	●	●	●	●			●	●		●	●		●	●	●				●							
Polystyrene	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●			●			
Polysulfone	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●											
PVC			●	●										●		●								●					
Rubber	●	●	●	●							●	●	●	●	●	●	●	●										●	
Urethane			●	●										●		●	●									●			●
Wax	●		●	●								●	●												●			●	

Most Popular Mold Releases

Light-Duty Mold Releases

EconoMIST® Mold Release

- Solvent-free dry formulation
- NSF category M1
- Light-duty silicone release
- Recognized by UL
- Maximum operating temp: 600°F/315°C

41612N (aerosol)
41635N (35-lb. aerosol cylinder)
41601PB (1 gallon)
41605PB (5 gallons)
41655PB (55 gallons)

Paintable Mold Release

- Solvent-free dry formulation
- Light-duty
- Recognized by UL
- Allows molded parts to be painted or decorated post-molding
- Maximum operating temp: 650°F/343°C

40012N (aerosol)
40035N (35-lb. aerosol cylinder)
40001PB (1 gallon)
40005PB (5 gallons)
40055PB (55 gallons)

Pure Eze Mold Release

- Solvent-free dry formulation
- Food-approved active ingredient (†††)
- Recognized by UL
- Neutral white oil-based release; does not contain lecithin
- Won't turn color or turn rancid
- Paintable, non-silicone
- Excellent all-purpose mold release for use with most resins
- Maximum operating temp: 600°F/315°C
- A pure non-silicone oil is also offered (part # 45700). Call for details.

45712N (aerosol)
45735N (35-lb. aerosol cylinder)
45701HB (1 gallon)
45705HB (5 gallons)
45755HB (55 gallons)

Econo-Spray® 1 Mold Release

- No chlorinated solvents
- Approved for indirect food contact (†)
- Non-paintable silicone
- Recognized by UL
- Safe to use on most resins
- Maximum operating temp: 600°F/315°C

40510P (aerosol)
40530P (30-lb. aerosol cylinder)
40501PB (1 gallon)
40505PB (5 gallons)
40555PB (55 gallons)

Econo-Spray® 2 Mold Release

- No chlorinated solvents
- Paintable; permits post-decorating of molded parts without prior cleaning
- Maximum operating temp: 650°F/343°C

40710P (aerosol)
40730P (30-lb. aerosol cylinder)
40701PB (1 gallon)
40705PB (5 gallons)
40755PB (55 gallons)

Econo-Spray® 3 Mold Release

- No chlorinated solvents
- Non-silicone and paintable
- Food-approved active ingredient (†)
- Maximum operating temp: 600°F/315°C

40810P (aerosol)
40830P (30-lb. aerosol cylinder)
40801PB (1 gallon)
40805PB (5 gallons)
40855PB (55 gallons)

Quick® Silicone Mold Release

- No chlorinated solvents
- Recognized by UL
- Approved for indirect food contact (†)
- Fast-drying on cold and hot molds
- Maximum operating temp: 600°F/315°C

44612E (aerosol)
44635E (35-lb. aerosol cylinder)
44601B (1 gallon)
44605B (5 gallons)
44655B (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Quick® Paintable Mold Release

- No chlorinated solvents
- Recognized by UL
- Paintable
- Fast-drying on cold and hot molds
- Maximum operating temp: 650°F/343°C

44712E (aerosol)
44735E (35-lb. aerosol cylinder)
44701B (1 gallon)
44705B (5 gallons)
44755B (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Quick® Lecithin Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Food-approved active ingredient (††††)
- Fast-drying on cold and hot molds
- Maximum operating temp: 500°F/260°C

44812E (aerosol)
44835E (35-lb. aerosol cylinder)
44801B (1 gallon)
44805B (5 gallons)
44855B (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Most Popular Mold Releases

Heavy-Duty Mold Releases

Knock Out Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone
- Approved for indirect food contact (*)
- Maximum operating temp: 450°F/232°C

46612N (aerosol)
46635N (35-lb. aerosol cylinder)
46601PB (1 gallon)
46605PB (5 gallons)
46655PB (55 gallons)

LMR Lecithin Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone mold release
- Food-approved active ingredient (††††)
- Direct food additive
- Maximum operating temp: 500°F/260°C

43512N (aerosol)
43501HB (1 gallon)
43505HB (5 gallons)
43555HB (55 gallons)

Silicone Mold Release

- Solvent-free dry formulation
- Approved for indirect food contact (†)
- Allows for faster molding & more production
- Recognized by UL
- Recommended for food-packaging molding
- Maximum operating temp: 600°F/315°C
- A pure silicone oil is also offered (part # 40100). Call for details.

40112N (aerosol)
40135N (35-lb. aerosol cylinder)
40101PB (1 gallon)
40105PB (5 gallons)
40155PB (55 gallons)

Universal® Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone
- Food-approved active ingredient (†††)
- Contains no lecithin
- Safe to use on most thermoplastics
- Recognized by UL
- Use where parts must be painted, hot-stamped or metalized
- Maximum operating temp: 600°F/315°C

42612H (aerosol)
42635H (35-lb. aerosol cylinder)
42601HB (1 gallon)
42605HB (5 gallons)
42655HB (55 gallons)

SSL Mold Release

- Solvent-free dry formulation
- NSF category M1
- Recognized by UL
- Low-cost heavy-duty mold release
- Maximum operating temp: 600°F/315°C

42112N (aerosol)
42135N (35-lb. aerosol cylinder)
42101PB (1 gallon)
42105PB (5 gallons)
42155PB (55 gallons)

Heavy-Duty 10% Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone
- Approved for indirect food contact (*)
- Slide's heaviest-duty mold release
- Maximum operating temp: 450°F/232°C

54912 (aerosol)
54935N (35-lb. aerosol cylinder)
54901HB (1 gallon)
54905HB (5 gallons)
54955HB (55 gallons)

Polycarbonate Mold Release

- Solvent-free dry formulation
- Paintable release, will not interfere with post-molding decorating of parts
- Specifically developed as a release for polycarbonate resin
- Recognized by UL
- Maximum operating temp: 650°F/343°C

41412N (aerosol)
41435N (35-lb. aerosol cylinder)
41401PB (1 gallon)
41405PB (5 gallons)
41455PB (55 gallons)

Our products play well together

Every Slide Products' mold care product has been formulated and tested to work in tandem with every other product. Mold release, cleaners, rust preventives and lubricants complement each other.

If you want to ensure maximum effectiveness and compatibility, keep it all in the family...Slide Products' family of mold care products.

Specialty Mold Releases

DFL - Dry Film Lube
Mold Release

- No chlorinated solvents
- Formulated for deep draw molds
- Excellent for most rubber & thermoplastics including ABS, polycarbonate, nylon and vinyl
- Use it on phenolic & urethane resins
- Contains PTFE
- Maximum operating temp: 500°F/260°C

41112N (aerosol)
41101HB (1 gallon)
41105HB (5 gallons)
41155HB (55 gallons)

Zinc Stearate
Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Mold release powder
- Use for polycarbonate, polypropylene, polysulfone and rubber molding
- Maximum operating temp: 600°F/315°C

41012N (aerosol)
41025 (25-lb. bag)

Electronic
Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone mold release
- For plastic electronic parts
- Release will not interfere with electric properties
- Maximum operating temp: 550°F/287°C

42712N (aerosol)
42701PB (1 gallon)
42705PB (5 gallons)
42755PB (55 gallons)

E/S Silicone
Mold Release

- No chlorinated solvents
- Approved for indirect food contact (†)
- Water-based formulation
- Use on molds 212°F/100°C and above
- Maximum operating temp: 600°F/315°C

44312 (aerosol)

E/S Paintable Lecithin
Mold Release

- No chlorinated solvents
- Paintable, non-silicone mold release
- Water-based formulation
- Use on molds 212°F/100°C and above
- Food-approved mold release (††††)
- Maximum operating temp: 500°F/260°C

44512 (aerosol)

Water Soluble
Mold Release

- Solvent-free dry formulation
- Paintable, non-silicone mold release
- Permits ultrasonic welding of parts
- Simply wash parts in water to clean
- Does not contain water
- Offers anti-static properties to the molded part
- Maximum operating temp: 450°F/232°C.

41212N (aerosol)

Hi-Temp 1800
Mold Release

- No chlorinated solvents
- Paintable, non-silicone release contains boron nitride
- Effective release for engineering grade resins, low melting point metals and glass
- Maximum operating temp: 1800°F/982°C
- Recommended for use with Ultem and other engineering-grade resins

44110A (aerosol)

Mold Saver
Mold Release

- No chlorinated solvents
- Neutralizes corrosive vapors and prevents resin deposit build-up
- Helps protect against corrosive hydrochloric acids from PVC resin and flame-retardant additives
- Paintable, non-silicone release
- Maximum operating temp: 550°F/287°C

42510P (aerosol)

Investment Wax Casting
Mold Release

- Solvent-free dry formulation
- Approved for indirect food contact (†)
- Allows molder to consistently remove the most intricate wax patterns
- One application provides multiple releases and leaves parts with a superior surface finish

54882 (aerosol)

Thermoset Mold Releases / Ejector Pin Greases

Thermoset Mold Releases

Urethane Mold Release

- Solvent-free dry formulation
- Non-paintable silicone mold release
- Maximum operating temp: 500°F/260°C
- Effective for all polyurethanes: rigid, semi-rigid and flexible urethane foams

45812H (aerosol)
45835H (35-lb. aerosol cylinder)
45801PB (1 gallon)
45805PB (5 gallons)
45855PB (55 gallons)

EpoxEase Mold Release

- No chlorinated solvents
- Non-silicone, synthetic wax-based product
- For injection molding, encapsulating, potting
- For epoxy, polyester and phenolic resins
- Maximum operating temp: 450°F/232°C

40614 (aerosol)
40601HB (1 gallon)
40605HB (5 gallons)
40655HB (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Thermoset Mold Release

- No chlorinated solvents
- Made with synthetic carnauba wax
- Contains no silicones or oils
- Recommended for thermoset plastic resins
- Ideal release for injection, compression and transfer molding
- Maximum operating temp: 600°F/315°C

45414 (aerosol)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

DuraKote™ Mold Release

- Solvent-free dry formulation
- Semi-permanent release for urethane & epoxy molding
- Curable silicone oil (can be baked or air dried onto the mold surface)
- Paintable when baked on
- Excellent mold release for rotational molding
- Maximum operating temp: 600°F/315°C

41712 (aerosol)
41701PB (1 gallon)
41705PB (5 gallons)
41755PB (55 gallons)

WARNING: This product can expose you to chemicals including Ethylbenzene and Toluene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Super Grease Ejector Pin Grease

- No chlorinated solvents
- NSF category H1
- Ideal for mold assemblies used in the food and medical markets
- NLGI #2 high temperature grease
- Colorless & odorless, excellent dielectric strength
- Contains PTFE, no silicones
- Will not bleed out; paintable
- Operating temps: -45°F - +650°F/-42°C - +343°C*

**Intermittent*

43911P (aerosol)
43900T (14-oz. tube for grease guns)
43900-01 (10-gram tube)
43900-03 (3-oz. tube)
43900-7 (7-lb. can)
43900-35 (35-lb. bucket)
43900-400 (400-lb. drum)

NSF

Mold Cleaners

Mold Cleaners

Mold Cleaner 4

- No chlorinated solvents
- NSF category P1
- Evaporates fast; leaves no residue
- Convenient method for removal of mold release, grease, oil and wax build-up on mold surfaces
- Slide's most popular mold cleaner formulation

46910 (aerosol)
46930 (30-lb. aerosol cylinder)
46901HB (1 gallon)
46905HB (5 gallons)
46955HB (55 gallons)

Mold Cleaner Wipes

- No chlorinated solvents
- Pre-saturated cleaning towels
- Quickly removes mold release, grease or oil from mold surfaces
- Use for prepping molds for production or storage
- Mold cleaning option for clean room environments

46370 (canister of 70 wipes)
46301 (box of 50 single-wipe packets)
46301B (1 gallon solvent only)
46305B (5 gallon solvent only)
46355B (55 gallon solvent only)

**Pre-test on non-metal surfaces.*

NEXGEN Mold Cleaner

- No chlorinated solvents
- NSF category P1
- Offers more cleaning strength than other "natural" mold cleaners
- Can be used to help break down resin deposits from the mold surface and clogged vents

46410 (aerosol)
46430 (30-lb. aerosol cylinder)
46401B (1 gallon)
46405B (5 gallons)
46455B (55 gallons)

Quick® Mold Cleaner

- No chlorinated solvents
- Cleans quickly without wiping
- Fast evaporating and leaves no residue
- Recommended for use on molds at room temperature

40910P (aerosol)
40930P (30-lb. aerosol cylinder)
40901PB (1 gallon)
40905PB (5 gallons)
40955PB (55 gallons)

Econo-Spray® Mold Cleaner

- No chlorinated solvents
- Approved for indirect food contact (††)
- Very low odor
- Quickly removes mold release, grease, oil and wax build-up on mold surfaces

45612 (aerosol)
45635 (35-lb. aerosol cylinder)
45601B (1 gallon)
45605B (5 gallons)
45655B (55 gallons)

On/Cycle Mold Cleaner

- No chlorinated solvents
- Use on warm molds at the press
- NSF category P1
- Quickly removes mold release, grease and oil from mold surfaces
- Can be used to help break down resin deposits from the mold surface and clogged vents

44212 (aerosol)
44235 (35-lb. aerosol cylinder)
44201B (1 gallon)
44205B (5 gallons)
44255B (55 gallons)

Resin Remover®

- No chlorinated solvents
- "The Stripper"
- Use to unclog mold vents
- Removes resin build-up from polyacetal, PVC, urethane and flame-retardant additives
- Removes most color deposits and stains
- Use with hot molds in machine to minimize downtime

41914 (aerosol)
41901B (1 gallon)
41905B (5 gallons)
41955B (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

X-EMPT Mold Cleaner

- Not for use on painted surfaces
- No chlorinated solvents
- Fast evaporating
- Contains only EPA-exempt VOC compounds
- Surpasses California's CARB standards
- Single-purpose mold cleaner formulation

47410 (aerosol)
47401B (1 gallon)
47405B (5 gallons)
47455B (55 gallons)

NFC Mold Cleaner

- No chlorinated solvents
- Contains no flammable ingredients
- Quickly removes mold release, grease and oil from mold surfaces

47112 (aerosol)
47135 (35-lb. aerosol cylinder)
47101B (1 gallon)
47105B (5 gallons)
47155B (55 gallons)

WARNING: This product can expose you to chemicals including 1-bromopropane, which is known to the State of California to cause cancer and birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Plastic Cleaner with Foamaction

- No chlorinated solvents
- Just spray and wipe
- Ideal for cleaning plastic parts, and helps remove mold release prior to secondary operations
- Safe on all plastics; contains no ammonia
- Pleasant, fresh scent
- Water-based cleaner with low VOCs.

41515 (aerosol)

IPA IsoPropyl Alcohol Mold Cleaner

- No chlorinated solvents
- NSF category P1
- Evaporates fast and leaves no residue
- California VOC compliant aerosol (74.9% VOC)

47212 (aerosol)
47201B (1 gallon)
47205B (5 gallons)
47255B (55 gallons)

Citra Cling Mold Cleaner

- No chlorinated solvents
- Clings to surfaces for maximum performance
- Water-based high density foam
- Removes mold releases, dirt, oil and greases from mold surface
- Helps break down resin and gas deposits that clog vents

46515 (aerosol)

PC Polish Cleaner

- Also known as "Old Yellow"
- Water-based liquid mold cleaner
- Removes stains and mold deposits
- Conditions your mold for faster startups and improved release properties
- Protects the mold as it cleans
- Particle size <5 micron

43310 (8-fl. oz. bottle)

Mold & Metal Polish

- No chlorinated solvents
- Paste-type mold polish
- Cleans and restores mold surfaces
- Removes plate-out, oxidation and stains
- Brings surfaces to a high luster
- Effective polish on tool steel, stainless, aluminum, brass, bronze, zinc and other metals

45210 (10-oz. can)

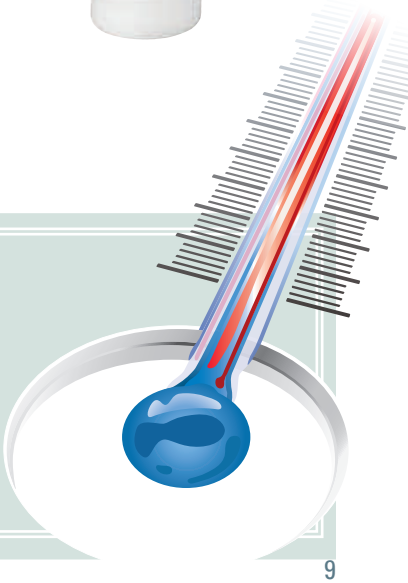
Silicone Remover

- No chlorinated solvents
- Concentrated soap to be diluted 50:1 with water
- Completely removes all traces of silicone oil from molded parts

43016 (16-fl. oz. bottle)

Money-Saving Tips

Choose cleaners that work best depending on whether you are working on a warm mold or cold mold. A cold mold cleaner uses solvents that will evaporate too quickly on a warm mold, hindering its effectiveness. A warm mold cleaner has solvents that evaporate very slowly and may require you to spend extra time wiping residue off a cold mold.



Rust Preventives

Mold Shield Rust Preventive

- No chlorinated solvents
- Unique "dry" formula
- 2-year protection*
- Will not bleed out and mark parts
- Neutralizes fingerprint acid
- Non-silicone, non-wax formulation
- Self-cleaning in start-up
- Seals out condensation

**Protects up to two years under normal indoor storage conditions*

42910P (aerosol)
42901PB (1 gallon)
42905PB (5 gallons)
42955PB (55 gallons)

No-Rust® Rust Preventive

- No chlorinated solvents
- 5 year protection*
- Displaces moisture while sealing mold from outside condensation
- Non-silicone, non-wax formulation
- Neutralizes fingerprint acids

**Protects up to five years under normal indoor storage conditions*

40212M (aerosol)
40201B (1 gallon)
40205B (5 gallons)
40255B (55 gallons)

Quick RP Rust Preventive with Red Dye Indicator

- No chlorinated solvents
- Unique "dry" formula
- 2-year protection*
- Red tracing dye helps ensure complete coverage
- Will not bleed out and mark parts
- Neutralizes fingerprint acid
- Non-silicone, non-wax formulation
- Seals out condensation

**Protects up to two years under normal indoor storage conditions*

42810RP (aerosol)
42801RPB (1 gallon)
42805RPB (5 gallons)
42855RPB (55 gallons)

Acid Vapor Neutralizer Rust Preventive

- No chlorinated solvents
- Protects molds when using PVC and flame-retardant resins
- Provides dual protection against moisture and hydrochloric acids
- One-step rust preventive

44011P (aerosol)
44001PB (1 gallon)
44005PB (5 gallons)
44055PB (55 gallons)

White Rhino Rust Preventive

- No chlorinated solvents
- NSF category H1
- Ideal for mold assemblies used to produce food packaging
- 2-year protection*
- Neutralizes fingerprint acids

**Protects up to two years under normal indoor storage conditions*

46710P (aerosol)
46701PB (1 gallon)
46705PB (5 gallons)
46755PB (55 gallons)

Money-Saving Tips

Cool-down Sweat is Rusting Your Mold

Internal water lines tend to cause the mold to sweat as condensation forms on the mold platens and cavity. Rust and oxidation can begin to form almost immediately, even before the mold can be taken out of the machine and returned to the tool room.

To help prevent sweat from creating rust during cool down, simply apply Slide rust preventive to the mold cavity once temperatures are reduced.

Once the mold reaches room temperature, the mold should be flushed and cleaned thoroughly with a Slide mold cleaner. Then apply a fresh coat of rust preventive.

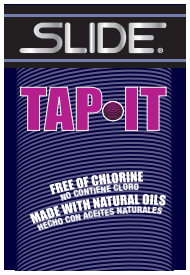
MRO Solutions

Penetrant Plus

- No chlorinated solvents
- Non-silicone, PTFE-based formulation
- Choice of spray or stream aerosol pattern
- Harmless to most plastics, rubber, paint, etc.
- Displaces moisture and leaves a protective film
- Penetrating formulation helps free rusted or frozen metal components
- Meets California CARB VOC standards

41812M (aerosol)
41801MB (1 gallon)
41805MB (5 gallons)
41855MB (55 gallons)

Tap-It



- No chlorinated solvents
- Produces cleaner threads
- For reaming, dressing abrasive wheels, etc.
- Made with natural oils
- Effective on tool steel, stainless, aluminum, brass, bronze, zinc and other metals

40401B (1 gallon)
40405B (5 gallons)
40455B (55 gallons)

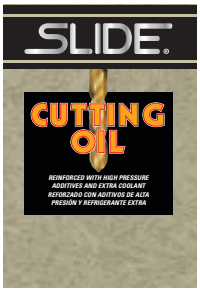
No-Rust® Rust Preventive

- No chlorinated solvents
- 5 year protection*
- Displaces moisture while sealing mold from outside condensation
- Non-silicone, non-wax formulation
- Neutralizes fingerprint acids

**Protects up to five years under normal indoor storage conditions*

40212M (aerosol)
40201B (1 gallon)
40205B (5 gallons)
40255B (55 gallons)

Cutting Oil



- No chlorinated solvents
- Formulated with high pressure additives
- For drilling, cutting, sawing, tapping

41301B (1 gallon)
41305B (5 gallons)
41355B (55 gallons)

Silicone Emulsion

- No chlorinated solvents
- Approved for indirect food contact (†)
- Water-based silicone oil solution
- 35% concentrate can be diluted with additional water

51932-1 (1 gallon)
51932-5 (5 gallons)
51932-55 (55 gallons)

Copper Anti-Seize Compound

- Protects against rust and corrosion
- Resists thread damage, seizing and galling to 1800°F/982°C
- Lowers friction and reduces torque
- Compatible with most metals and plastics
- Improves assembly and disassembly
- Allows reuse of damaged or threaded parts
- Will not harden, drip or separate
- Meets performance requirements of MIL-PRF-907F

47902 (2 oz. brush top can)
47908 (8 oz. brush top can)

Aluminum Anti-Seize Compound

- Aluminum base is perfect for helping prevent non-similar metals from fusing together
- Protects against rust and corrosion
- Prevents galling and seizing
- Water resistant
- Reduces friction and lubricates metal surfaces to 2000°F /1093°C

48002 (2 oz. brush top can)
48008 (8 oz. brush top can)

Tip: How to properly lube ejector pins…watch the technical video!

There is an art to effectively greasing ejector pins. Using the right grease on the front and back of the pins prevents grease from leaching out and contaminating parts. Watch the video to see which products work best and how to apply them. Go to www.slideproducts.com and improve your technique.

Purging Compounds

"Dry" Purging Solutions

Econo-Purge Purging Compound

- Excellent purge for use through hot runner systems
- Safe to purge through the mold
- Helps eliminate color streaking and black specs
- Effectively removes old resin and color residue in extrusion, injection and blow molding operations
- Low odor

473-50 (50-lb. box)
473-1500 (1500-lb. gaylord)

KLENZ Purging Compound

- Excellent for use through hot runner systems
- Safe to purge through the mold
- Helps eliminate color streaking and black specs
- Chemically reactive compound
- Polyolefin resin carrier
- Operating temperatures of 330° - 610°F/165°C - 321°C
- For use with injection molding, extrusion and blow molding
- GRAS rated active ingredients safe for food packaging applications

468-50 (50-lb. box)
468-1000 (1000-lb. gaylord)

Purge-Atory Purging Compound

- Recommended for use with gas emitting resins such as Delrin® and acetal
- Safe to purge through the mold
- Helps eliminate color streaking and black specs
- Chemically reactive compound
- SAN resin carrier
- Operating temperatures ranging from 370° - 610°F/187°C - 321°C

470-50 (50-lb. box)
470-1000 (1000-lb. gaylord)

N.P.T. NuPurge Technology Purging Compound

- Complete purging through reactive chemistry
- No need for multiple purging products
- Temp range: 160° - 600°F/71°C - 315°C
- Ready to use; no mixing required
- Run through gates as small as 30 microns
- FDA compliant
- Aids with resin-to-resin and color-to-color purges
- Use with most resins
- Not for use with acetal or Delrin®

451-05 (4.5-lb. bag)
451-50 (50-lb. box)
451-1300 (1300-lb. gaylord)

Liquid Purging Solutions

P.D.Q. Liquid Purging Compound

- Concentrated liquid purging compound
- Water-based additive (use with barrel temperature above 212°F/100°C)
- Can be mixed with any carrier resin
- Aids with resin-to-resin and color-to-color purges
- Choose self-measuring bottle or pre-measured packets
- Works with a carrier resin to remove unwanted contamination from the barrel assembly

43432 (32-fl. oz. bottle)
43401 (box of 50 1-oz. bags)

Guide To Your Purging Needs

	N.P.T.	P.D.Q.	KLENZ	Econo-Purge	Purge-Atory
Recommended for use with gas emitting resins (Delryn and Acetal)					●
Polyolefin resin-based formulation	●		●	●	
Purging of Hot Runners	●		●	●	●
Color Changes	●	●	●	●	●
GRAS rated ingredients (safe for use in food packaging operations)			●	●	●
Ready to use, chemically-reactive purge	●		●	●	●
Mechanical purge process		●			
Effective for removal of carbon contamination	●		●	●	●
Non-abrasive (safe for barrel and screw)	●		●	●	●
Odorless			●	●	●

FREEDOM "Hands Free" Automatic Spray Unit

- Just plug and spray; operates autonomously from molding machinery
- Easy to use, no hard wiring required, plugs directly into any 110V, 15 amp outlet
- Works with Slide's aerosol cylinder products (and liquid/bulk formulations when the pressure pot is added)
- FREEDOM unit comes complete with an easy-to-program control unit, two 10-ft spray hoses with spray nozzle affixed, proximity sensor, 10-ft tank hose and 10-ft power cord
- Saves molders money and time

A: 43200 (standard Freedom unit)
B: 43200JP (pressure pot add-on for Freedom spray unit)
C: 43200M (optional set of two spray head magnets)

Aerosol cylinder purchased separately.

"Valve-Up" Giant Aerosol Cylinder

This money-saving aerosol delivery system is a versatile spraying unit for use with or without automated or robotic equipment*. Slide's aerosol cylinders contain the exact same ingredients and proportions as our aerosol can products. Molders can use a Slide aerosol cylinder with the Slide Handheld Spray Unit #43100M to create a self-contained spray system. Each cylinder equals approximately four cases of our aerosol can products. Giant Aerosol Cylinders** are offered for many Slide formulations. The Hand-Held Spray Unit (item #43100M) comes with assorted spray tips and 10-ft hose.

Additional tips with wider (fan spray) or more restricted spray patterns are available.

* Not installed by Slide Products, Inc.

** Cylinders may be refilled. Please contact Slide Products for details on this program.

Charge-It! Refillable, Rechargeable Aerosol Spray Unit

Extremely dependable, with an ultra durable nickel-plated aluminum construction, Slide's Charge-It! can be filled with a liquid bulk product and charged with compressed air (up to 150 PSI).

The valves and tips feel and spray similar to regular aerosol cans and are simple to replace at very little cost. Various spray tips and valves are also available.

43600

Air-O-Spray

This easy-to-handle unit is specially designed for use with Slide bulk products. It operates entirely on the atomizing principle. Air-O-Spray has a combination internal and external action in which mold releases, mold cleaners or rust preventives can be atomized at low pressure and low mist. Any air compressor providing 50 PSI is ideal for this unit.

42202
42203 (extra bottle & cap)

Sprayer and Metal Hose

Recommended for all of Slide's cylinder products.

43100M

Chemical-resistant Pump Spray Bottle

Package of 2 units per box. To be used with Slide bulk products.

42300

Handy Spray Can Holder

Slide's new spray can holder helps organize your space and keep cans in place. Extruded from PVC, these extremely durable can holders can easily be bolted directly onto the side of a molding machine or tool cart to hold various Slide cans.

43800

Helpful Tip: How to Protect Molds

Spray anti-rust on the mold immediately at the end of production, when the mold is warm and ready to be cleaned and stored. Use a rust preventive that:

- Neutralizes fingerprint acid and acid residues
- Provides a self-healing film
- Displaces micro droplets of water
- Contains no wax or other material that builds up
- Use a "dry" rust preventive when part marking is a concern and storage time is a year or less

Sample Kits / Online Store

Sample Kits

Try it for free

What better way to see the effectiveness of Slide's products than to try it right in your own plant?

From the beginning, Slide has offered free samples of its products for you to test in your specific application. That way, you can see for yourself which of our many products work best for you.

To make it even easier, we've created three standard kits that you can order. Or if you prefer, create your own sample kit by requesting the products you feel best fit your particular needs.

How to get your own kit

To request a kit, contact your local Slide Products distributor. You can find them using the distributor locator on our website. You can also place your order directly through our website at www.slideproducts.com/samples.

Try your free samples today to see how effectively they perform and how much more productive you can be!

Plastics Processors

Free Sample Kit

Mold Cleaner 4, Mold Shield Rust Preventive, Pure Eze Mold Release, P.D.Q. Liquid Purging Compound and Mold Cleaner Wipes

Mold and Tool Builders

Free Sample Kit

Mold Cleaner 4, Super Grease Ejector Pin Grease, Mold & Metal Polish, No-Rust Rust Preventive and Mold Cleaner Wipes

Food Packaging and Medical Molding

Free Sample Kit

Pure Eze Mold Release, NEXGEN Mold Cleaner, White Rhino Rust Preventive, Super Grease Ejector Pin Grease

What's the real cost of your mold release? Use this formula:

Parts Released ÷ $ Per Can = Value

There's More at the Online Slide Store

- **www.slideproducts.com**
- **Secure online ordering**
- **Download SDS files**
- **New product instructions**
- **Order free samples**
- **Technical assistance**

Save Money - Buy in Bulk!

The more you buy, the more you save. Most Slide aerosol products are available in ready-to-use liquid bulk form. Formulated using the same active ingredients found in our aerosols, bulk products can offer significant savings when compared to using aerosol products. However, please note that the carrier solvents are different. Pre-testing is recommended. Free samples are available on request. Bulk products are generally available in 3 container sizes:

1 gallon

5 gallons

55 gallons

Product Index

Product #	Product	Page
40012N	Paintable Mold Release	4
40112N	Regular Silicone Mold Release	5
40212M	No-Rust Rust Preventive	10 & 11
404	Tap-It	11
40510P	Econo-Spray 1 Mold Release	4
40614	Epoxease Mold Release	7
40710P	Econo-Spray 2 Mold Release	4
40810P	Econo-Spray 3 Mold Release	4
40910P	Quick Mold Cleaner	8
41012N	Zinc Stearate Mold Release	6
41112N	DFL Dry Film Lube Mold Release	6
41212N	Water Soluble Mold Release	6
413	Cutting Oil	11
41412N	Polycarbonate Mold Release	5
41515	Plastic Cleaner with Foamaction	9
41612N	EconoMIST Mold Release	4
41712	DuraKote Mold Release	7
41812M	Penetrant Plus	11
41914	Resin Remover Mold Cleaner	8
42112N	SSL Mold Release	5
42202	Air-O-Spray Sprayer	13
42203	Air-O-Spray extra bottle & cap	13
42510P	Mold Saver Mold Release	6
42612H	Universal Mold Release	5
42712N	Electronic Mold Release	6
42810RP	Quick RP Rust Preventive	10
42910P	Mold Shield Rust Preventive	10
43016	Silicone Remover	9
43100M	Sprayer and metal hose	13
43200	FREEDOM Spray Unit	13
43200JP	Pressure Pot add-on FREEDOM Spray Unit	13
43200M	Optional magnets for FREEDOM Unit Spray	13
43310	PC Polish Cleaner	9
43401	P.D.Q. Portable Purging Compound	12
43432	P.D.Q. Concentrated Purging Compound	12
43512N	LMR Lecithin Mold Release	5
43600	Charge-It! Rechargeable Aerosol	13
43800	Can holder	13
43900	Super Grease Ejector Pin Grease (non-aerosol)	7
43911P	Super Grease Ejector Pin Grease (aerosol)	7
44011P	Acid Vapor Neutralizer Rust Preventive	10
44110A	Hi-Temp 1800 Mold Release	6
44212	On/Cycle Mold Cleaner	8
44312	E/S Silicone Mold Release	6
44512	E/S Lecithin Mold Release	6
44612E	Quick Silicone Mold Release	4
44712E	Quick Paintable Mold Release	4
44812E	Quick Lecithin Mold Release	4
451	N.P.T. NuPurge Technology	12
45210	Mold & Metal Polish	9
45414	Thermoset Mold Release	7
45612	Econo-Spray Mold Cleaner	8
45712N	Pure Eze Mold Release	4
45812H	Urethane Mold Release	7
46301	Mold Cleaner Wipes (single packets)	8
46370	Mold Cleaner Wipes (canister)	8
46410	NEXGEN Mold Cleaner	8
46515	Citra Cling Mold Cleaner	9
46612N	Knock Out Mold Release	5
46710P	White Rhino Rust Preventive	10
468	KLENZ Purging Compound	12
46910	Mold Cleaner 4	8
470	Purge-Atory Purging Compound	12
47112	NFC Mold Cleaner	8
47212	IPA IsoPropyl Alcohol Mold Cleaner	9
473	Econo-Purge Purging Compound	12
47410	X-EMPT Mold Cleaner	8
47908	Copper Anti-Seize Compound	11
48008	Aluminum Anti-Seize Compound	11
51932	Silicone Emulsion 35% solids	11
54882	Investment Wax Casting Mold Release	6
54912	Heavy Duty 10% Mold Release	5

Footnotes

* 21CFR 178.3570

(†) Meets 21CFR 175.300 for release agents

(††) 21CFR 178.3530

(†††) 21CFR 172.878 and 178.3620 (a)

(††††) 21CFR 184.1400 (GRAS)

The NSF mark assures consumers, retailers and regulators that products have been rigorously tested to comply with all standard requirements. Visit www.slideproducts.com/nsf

UL file number E90952

Slide, EconoMIST, Econo-Spray, No-Rust, Quick, Resin Remover and Universal are registered trademarks of Slide Products, Inc.

SLIDE®

The Slide Products Promise.

We guarantee all SLIDE products against defects in workmanship and composition for 3 years from that date of manufacture. Our only obligation shall be to replace such quantity of product proven defective. User shall determine suitability of product for his intended use and assumes all risk and liability in connection herewith.

SLIDE®

Slide Products
800-323-6433
www.slideproducts.com

Orders
orderdesk@slideproducts.com

Help
info@slideproducts.com