

PLASTICS PROCESSING & MAINTENANCE SOLUTIONS

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



Mold Releases



Mold Cleaners



Lubricants



Rust Preventives



Purging Compounds



General Industry



Accessories

Your Problem is our Business.

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and After!

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Thermal-Tech

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EXTRUDE HONING • MANIFOLD CLEANING • HOT RUNNER REBUILDING • ULTRASONIC CLEANING

More service,
more choices,
more speed—
more, more,
more...



Your local Slide distributor gives you even greater value.

For over 60 years, Slide Products has been committed to servicing our customers through local distribution. We now have over 200 distributors located in more than 15 countries. It is Slide Products' belief that a local stocking distributor can better service a customer than any catalog house with a centralized shipping location. To put it simply, Slide Products is everywhere. Albuquerque, NM or Harrisburg, PA, Slide Products is there with a local distributor. What other mold release manufacturer can guarantee standard 1-day shipping to nearly any point within the country? None!

Have a problem and need some local support? Just try calling a catalog house to schedule a technical sales call. Only Slide Products has 200 trained local distributors who are available to come to your factory to provide on-site technical support. So use your local Slide distributor as a resource and tool.

visit our web site
at www.thermal-tech.com.

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Voice: 1-800-745-9350 | www.Thermal-Tech.com
Orders: TTSOrderdesk@thermal-tech.com

Quality. Productivity. Economy. Everything you're looking for, carefully formulated to ensure maximum productivity.

Your guide to savings

Here it is...Your guide to choosing the best products to be more productive. Mold releases, lubricants, cleaners, purging compounds, rust preventives, cutting oils and more, all carefully formulated to help you economically maximize your productivity.

Quick delivery

With hundreds of U.S. and international distributors, your order will be shipped to arrive either with same day or next day service. So you have your Slide products where you need them, when you need them. It's the kind of service few others provide. And it's what you can expect from Slide®.

A double product guarantee

Making solutions for industry for over 60 years, Slide is a brand name you know and trust. And you get a guarantee from both Slide and its distributors. We stand behind our products with a promise of complete satisfaction.



Technology-forward filling stations ensure you get maximum effectiveness all the way to the final spray.



Slide Products employs mixing and filling technologies to ensure each product meets the highest standards in quality.

Always something new

Slide Products has continued to develop new products to meet your ever-changing needs. New, even more effective formulations are always being developed to address evolving customer needs, as well as new OSHA, environmental and government regulations.

Slide also recognizes your need to meet customer specs and maintain a safe working environment. That's why Slide provides so many alternatives. Our variety of formulations, all with extremely effective active ingredients, provides you with choices. So you can choose products that satisfy your needs for safety, economy and productivity.

Tailor-made products

We know that sometimes one size does not fit all. That's why many of the products we have developed over the years were in answer to the need of one particular customer. If you have a unique application requiring special technical

expertise, contact our customer service or technical support people for assistance.

Service and support

We want your questions. We have the answers.

Slide Products and our distributors have invaluable industry-related experience ready to put to work on your particular application. It is face-to-face, hands-on knowledge that only local service can provide.

For technical assistance, or for the name of your nearest distributor, talk directly with our customer service and technical support people. You can contact us at:

Voice: 800-745-9350

Orders: TTSOrderdesk@thermal-tech.com

Internet: www.Thermal-Tech.com

We'll respond quickly with answers.

Our Commitment to Quality.

Over 60 years ago this company was founded almost by accident

Back in 1953, the founder of our company, Percy Harms, was selling flat stock steel to mold builders. Plastics and injection molding were still in their infancy stages and the number of products available to molders was quite limited. While working with the tool builders Percy got to know some of the injection molders. They complained to Percy that the plastic parts were constantly sticking in the molds, causing a decrease in productivity. At this same time Percy had a cousin who was working in the burgeoning aerosol industry. So Percy asked his cousin to put some silicone oil in a can for these molders to try. Hence the first Slide mold release was developed. So while Percy continued to sell steel to the mold builders, he slowly built the aerosol company up and eventually named it Percy Harms Corp. Percy's two sons, Jim and Henry, joined the company 10 years later in 1963. Jan van der Graaf, a chemist, also joined at this time and the base for the growing company was formed. In 1974 the company relocated to its current location in Wheeling, IL and began

producing all of the Slide products in-house. There were some rough days early on when as little as 15 cases of product would be made. But the company persevered and managed to grow. Throughout the years Percy Harms Corp. dabbled in many peripheral industries including leather, shoes, paint and many others. But the focus on plastic processors and tool builders was never lost.

Slide is born in 1993

In 1993 the company name was officially changed to Slide Products. Even with the new name, the company's commitment to innovation and customer service has never changed. We remain focused on our products and customers. It's been a wonderful 60 years, and we eagerly anticipate what the future holds for our company.

No chlorinated solvents

Zip. Zero. Not a drop. Better for you. Better for your work environment. Better for your bottom line.

Completely eliminating chlorinated solvents from its product line has made Slide the leader in powerful, effective, economical workplace



friendly products. So now it is even easier for you to select the products that meet your needs.

With dozens of choices and unique formulations for special applications, Slide has the right product to meet the needs of your specific application. Just go to www.Thermal-Tech.com to find the right product. And request a free sample. That way you can try it before you buy it, and know it will work.

Every customer and each Slide distributor is partly responsible for the success that this company has enjoyed. We are thankful to everybody who has played even a small part in the history of Slide Products.

The Slide Products Promise.

Our Guarantee and Notice to Purchaser

We guarantee all SLIDE products against defects in workmanship and composition for as long as you have the product. 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. All chemicals used in SLIDE products have been included in "The Inventory" as required by Public Law #94-469(TSCA).



Slide makes the 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 us, go to www.Thermal-Tech.com, or contact Thermal-Techs' customer service at 800-745-9350 to get your free samples or additional assistance in choosing the right release for you.

This release recommendation chart is intended to be a general guide based on field testing performed over the last 60 years.

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

	LIGHT DUTY MOLD RELEASES			MEDIUM DUTY MOLD RELEASES			HEAVY DUTY MOLD RELEASES			WATER-BASED MOLD RELEASES		SPECIALTY MOLD RELEASES										THERMOSET RELEASES			
	EconoMIST 41612N	Paintable 40012N	LMR 43512N	Quick Silicone 44612E	Quick Paintable 44712E	Quick Lecithin 44812E	Silicone 40112N	Polycarbonate 41412N	Universal 42612H	E/S water-based silicone 44312	E/S water-based lecithin 44512	DFL Dry Film Lube 41112N	Electronic 42712N	Heavy-Duty Mold Release and Pin Lube 54912	Hi-Temp 1800 44110	Knock Out 46612N	Mold Saver 42510	Pure Eze 45712N	Water Soluble 41212N	Zinc Stearate 41012N	DuraKote 41712	EpoxEase 40614	Thermoset 45414	Urethane 45812H	
MOLD RELEASE CHARACTERISTICS																									
No chlorinated solvents	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NSF Registered	●																								
Food-approved (silicone)				●			●			●															
Food-approved (non-silicone)			●		●	●		●		●				●		●		●							
Paintable	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●
Fast-acting solvent				●	●	●											●				●	●	●	●	●
Will not interfere with bonding			●			●		●				●	●	●		●		●		●					
Ultrasonic welding compatible			●			●		●		●		●	●	●	●	●	●	●	●	●					
Recommended for medical molding									●									●							

Use Our Online Product Selection Tool

Quickly Find Mold Releases, Cleaners, Rust Preventives, Lubricants And Purges For Your Specific Needs On Our Web Site

Answer a few simple questions and you immediately get a list of products that meet your criteria.

With dozens of products from which to choose, our Product Finder makes it fast and simple.

www.Thermal-Tech.com



Most Popular Mold Releases

Light-Duty Releases

Looking for a little more economy in a mold release? Check out our light-duty releases. They'll make your basic release applications more productive, and more economical.

EconoMIST Mold Release

- No chlorinated solvents
- NSF category M1
- Light duty silicone release
- UL recognized
- Maximum operating temp: 600°F/315°C

EconoMIST contains the same high-quality ingredients as premium Silicone Mold Release, but is formulated for use in light-duty applications. For hard to release parts use 40112N Silicone Release.

41612N (aerosol)

41635N (35-lb. aerosol cylinder)

Recognized by Underwriters Laboratories



Paintable Mold Release

- No chlorinated solvents
- Light-duty
- Get a perfect finish
- Paint, plate and hot-stamp over it
- No spalling & no fish-eyes
- Maximum operating temp: 650°F/343°C

Economical Paintable mold release requires no special cleaning. It will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating operations. You get perfect finishes every time and more cycles per can over other comparable releases.

40012N (aerosol)

40035N (35-lb. aerosol cylinder)

40001HB (1 gallon)

40005HB (5 gallon)

40055HB (55 gallon)

Recognized by Underwriters Laboratories



LMR Lecithin Mold Release

- No chlorinated solvents
- Paintable non-silicone formulation
- Food-approved lubricant(+++++)
- A direct food additive
- Maximum operating temp: 500°F/260°C

LMR is a non-silicone, fully paintable mold release. It is non-crazing and will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating. There is no build up on mold surfaces and minimal migration.

43512N (aerosol)



Medium-Duty Mold Releases

Are parts sticking? Is production bottle necked at the mold? Our competitively priced, medium-duty releases will help parts drop cleanly, and production climb.

Quick Silicone Mold Release

- No chlorinated solvents
- Food-approved lubricant(++)
- Fast-drying on cold and hot molds
- Maximum operating temp: 600°F/315°C

Quick Silicone mold release is ideal for parts that are a little more challenging. It dries quickly and imparts a smooth, dry film so you can start molding immediately. Quick Silicone is food-approved for food machinery.

44612E (aerosol)

44635E (35-lb. aerosol cylinder)

Recognized by Underwriters Laboratories



Quick Paintable Mold Release

- No chlorinated solvents
- Paintable mold release
- Fast-drying on cold and hot molds
- Maximum operating temp: 650°F/343°F

Quick Paintable mold release imparts a smooth, dry film, drying quickly so you can start molding immediately. Quick Paintable release will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating.

44712E (aerosol)

44735E (35-lb. aerosol cylinder)



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 releases, 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.

Most Popular Mold Releases

Quick Lecithin Mold Release

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

Quick Lecithin imparts a smooth, dry film so you can begin production immediately. Lecithin is food-approved and paintable. Non-silicone formula will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating.

44812E (aerosol)

44835E (35-lb. aerosol cylinder)



Polycarbonate Mold Release

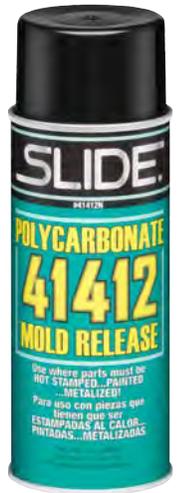
- No chlorinated solvents
- Paintable release
- No crazing or blemishing
- Maximum operating temp: 650°F/343°C

It's all in the name... Polycarbonate mold release. Specially developed for polycarbonate resins, it will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating. Approved by SABIC for use with Lexan* resin.

41412N (aerosol)

*Lexan is a registered trademark of SABIC.

Recognized by Underwriters Laboratories



Heavy-Duty Mold Releases

For your toughest applications, where you need the most effective release to keep parts from sticking, try one of our heavy-duty releases. They'll keep your production flowing.

Silicone Mold Release

- No chlorinated solvents
- Approved for indirect food contact(++)
- Faster molding & more production
- Approved for food packaging machinery
- Maximum operating temp: 600°F/315°C

Get more cycles per spray, more cycles per can, with Slide's Silicone high-quality, pure silicone-oil mold release. Keeps the most challenging parts from hanging up and stalling production. Extremely effective for injection and compression molding.

40112N (aerosol)

40101HB (1 gallon)

40105HB (5 gallons)

40155HB (55 gallons)

Recognized by Underwriters Laboratories



Universal Mold Release

- No chlorinated solvents
- Non-silicone paintable
- Food-approved lubricant(+++++)
- Use where parts must be painted, hot-stamped or metalized
- Colorless
- Maximum operating temp: 600°F/315°C

Universal is just that, a broad universal release that can be used on all thermoplastics, even more sensitive plastics. Approved as a direct food additive (+++++), Universal also meets certain requirements for molding medical products - contact us for details. Universal will not interfere with part bonding, heat sealing, laminating, ultrasonic welding or post-decorating.

42612H (aerosol)

42601HB (1 gallon)

42605HB (5 gallons)

42655HB (55 gallons)



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

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

Specialty Mold Releases

DFL - Dry Film Lube (Fluorocarbon) Mold Release

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



DFL is an excellent, fast-drying lubricant for injection molding where clarity and deep draw are important, especially with hard, brittle resins. It will not create “hydraulic effect” on deep drafted molds. Its “dry” formulation will not pick up dust or dirt and remains inert when exposed to corrosive reagents.

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

Electronic Mold Release

- No chlorinated solvents
- Paintable, non-silicone mold release
- For plastic electronic parts
- Maximum operating temp: 550°F/287°C

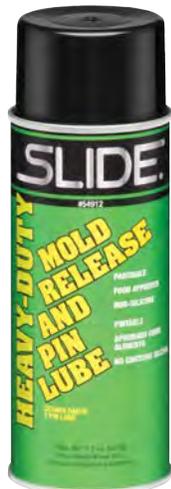


Molding electronic parts? Electronic mold release, with its paintable, non-silicone formulation, was developed specifically to not interfere with the electronic properties of molded electronic parts. It gives you the release you need and your maximizes productivity of post-mold cleaning.

- 46612N (aerosol)

Heavy-Duty Mold Release and Pin Lube

- No chlorinated solvents
- Paintable; non-silicone
- Food-approved lubricant(*****)
- Dry release minimizes leaching out onto parts
- Maximum operating temp: 450°F/232°C



An ideal lubricant for the front half of ejector pins (pins in forward position), this almost dry lubricant minimizes the possibility of leaching out onto molded parts. Use in combination with application of Super Grease on back side of ejector pins. Stable at temperatures up to 450°F/232°C. Can be used on plastics, rubber, waxes, glass-filled nylon and similar materials.

- 54912 (aerosol)
- 54901HB (1 gallon)
- 54905HB (5 gallon)
- 54955HB (55 gallon)

Hi-Temp 1800 Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Contains Boron Nitride
- Effective release for glass work
- Maximum operating temp: 1800°F/982°C
- Recommended for use with Ultem and other engineering-grade resins



Bring on the heat. Hi-Temp 1800 is the perfect partner to maximize productivity with high-temperature resins. Formulated with Boron Nitride, Hi-Temp maintains its lubrication integrity, helping maximize productivity. It is also an excellent release for die-casting of low melting point metals such as lead, zinc and aluminum.

- 44110 (aerosol)

Knock Out Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Food-approved lubricant(*****)
- Maximum operating temp: 450°F/232°C



Knock Out is the mold release that works where others have failed. It gets “sticky parts” cleanly out of the mold and is approved for indirect food contact. Knock Out mold release imparts a light, dry coating that is amazingly effective, working for several cycles without re-application.

- 46612N (aerosol)

Mold Saver Mold Release

- No chlorinated solvents
- Neutralizes corrosive vapors
- Prevents deposit build-up
- Paintable, non-silicone
- Maximum operating temp: 550°F/287°C



Protect against corrosive flame-retardant and PVC vapors. Mold Saver neutralizes corrosive vapors while providing a thin, effective lubricating layer for a clean release. Spray it into the cavity regularly while molding to prevent deposits from forming and attacking the mold.

- 42510 (aerosol)

Specialty / Water-Based Mold Releases

Pure Eze Mold Release

- No chlorinated solvents
- Food-approved lubricant, no lecithins(+++++)
- Neutral white oil-based release
- Won't turn color or turn rancid
- Paintable, non-silicone
- An excellent all-purpose release
- Maximum operating temp: 600°F/315°C

Pure Eze is a white, oil-based, food-approved release ideal for medical and food applications. Use Pure Eze with all thermoplastic resins, polyolefins, polycarbonates, rubber and some epoxies. It is colorless, odorless, tasteless and will not change color over time.

- 45712N (aerosol)
- 45701HB (1 gallon)
- 45705HB (5 gallons)
- 45755HB (55 gallons)

Recognized by Underwriters Laboratories



Water-Based Mold Releases

E/S Environmentally Safe Silicone Mold Release

- No chlorinated solvents
- Food-approved lubricant(++)
- Non-flammable*
- Maximum operating temp: 600°F/315°C

The E/S mold release formula is a breakthrough in lubrication. Effective in many applications, especially on molds 212°F/100°C and above, it is an excellent "wet" silicone lubricant for many applications. It's a great mold release for environmentally conscious companies.

- 44312 (aerosol)

*When used as directed. Shake can well before using.



Water Soluble Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Permits ultrasonic welding of parts
- Simply wash parts in water to clean
- Does not contain water
- Maximum operating temp: 450°F/232°C

Water Soluble release permits complete cleaning of molded parts. In most cases this release need not be removed prior to painting, hot-stamping or plating. Testing is recommended. Antistatic properties reduce dirt pick-up on molded parts.

- 41212N (aerosol)



E/S Environmentally Safe Paintable Lecithin Mold Release

- No chlorinated solvents
- Paintable, non-silicone
- Food-approved lubricant(+++++)
- Non-flammable*
- Maximum operating temp: 500°F/260°C

The E/S mold release formula is a breakthrough in lubrication. Specially formulated for most injection and compression molding and some flexible and semi-urethane foams, it is non-silicone, fully paintable and non-crazing. It will not interfere with part bonding, heat-sealing, laminating, ultra-sonic welding, painting and silk screening. Ideal for metalizing and hot stamping.

- 44512 (aerosol)

*When used as directed. Shake can well before using.



Zinc Stearate Mold Release

- No chlorinated solvents
- Non-silicone paintable
- Lubricant powder
- Maximum operating temp: 600°F/315°C

A dry, light, water-repellent powder, Zinc Stearate is economical to use and gives better finishes. Use it for polycarbonates, polypropylenes, polysulfones and rubber molding. Compatible with oil-based paints, its formulation results in fewer rejects and lower production costs.

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



Tip: How to achieve the most effective purge, in less time...it's Reality TV!

Watch in real time, unedited and live, how quickly and easily Slide purging compounds clean out every last spec, every little bit of crud. Slide offers both wet and dry purging compounds, each ideal for different applications, each incredibly fast and effective, saving your time and money when you purge. Watch the video at www.Thermal-Tech.com.

No 3D glasses required.

Thermoset / Internal / Mold Cleaners

Thermoset Mold Releases

Dura Kote Mold Release

- No chlorinated solvents
- Semi-permanent release for urethane & epoxy molding
- Will not discolor parts
- Paintable when baked on
- Excellent rotational mold release
- Maximum operating temp: 600°F/315°C

Dura Kote is a special air-drying release that will not transfer onto the molded part. It provides a dry, dust-free film on all hard-surfaced molds. It won't discolor and is paintable when it is baked on.

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



EpoxEase Mold Release

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

EpoxEase is a synthetic wax-based, non-silicone release. It is formulated to prevent the sticking commonly seen when using all-purpose release agents on epoxies, maximizing your productivity.

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



Thermoset Mold Release

- No chlorinated solvents
- Made with synthetic carnauba wax
- Contains no silicones or oils
- Maximum operating temp 600°F/315°C

Thermoset mold release is made with synthetic carnauba wax, the most effective formulation for molded thermoset plastics, rubber and similar materials. It stops parts from sticking, maximizing your productivity. It is ideal for injection, compression and transfer molding.

- 45414 (aerosol)



Urethane Mold Release

- Made especially for polyurethanes
- Non-paintable silicone
- Maximum operating temp: 500°F/260°C

Urethane mold release is extremely effective for all polyurethanes: rigid, semi-rigid and flexible urethane foams. Urethane mold release imparts a light, dry coating on the mold, eliminating build-up. Yet, it is so effective that it continues to work for several cycles between applications.

- 45812H (aerosol)



Internal Mold Release

Zinc Stearate Inter Lube Internal Mold Release

- Lubricant powder
- Suggested mixing ratio is 1-2% when mixed with resin

A dry, white, water repellent powder, Zinc Stearate Inter Lube internal mold release is economical to use and results in better finishes.

- 41025 (25-lb. bag)



Mold Cleaners

Citra Cling Mold and Metal Cleaner

- No chlorinated solvents
- No petroleum distillates or glycol ethers
- Clings to surfaces for maximum performance
- Water-based high density foam
- Removes mold releases, dirt, oil and greases

Citra Cling is an excellent cleaning agent that clings to even vertical surfaces. Superior clinging action allows for maximum cleaning. Water-based cleaner is safe to use on painted surfaces and plastic parts (pre-testing recommended).

- 46515 (aerosol)



Mold Cleaner Plus Degreaser 4

- No chlorinated solvents
- NSF category P1
- Evaporates fast
- Leaves no residue

Slide Mold Cleaner Plus Degreaser 4 contains no chlorinated solvents and provides a convenient method for removal of silicones, grease, oil and wax build-up on mold surfaces, etc. without the need for wiping. Ideal for cold molds, it leaves no residue so it cleans without wiping. It has a fast evaporating formulation, is non-conductive and non-abrasive.

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



NEXGEN Cleaner

- No chlorinated solvents
- NSF category P1
- Complies with 21 CFR citations (GRAS)****
- Leaves no oily residue
- Meets tough health, safety, environmental regulations
- High solvency for resins, polymers and dies

NEXGEN is the most extraordinary cleaning product available. Formulated purely from citrus and vegetable products, it is so much more than other "natural" cleaners. Use it for oil spill clean-up and remediation, dewaxing, removing mold release and degreasing.

- 46410 (aerosol)**
- 46401B (1 gallon)**
- 46405B (5 gallons)**
- 46455B (55 gallons)**



Mold & Metal Polish

- No chlorinated solvents
- Clean and restore surfaces, easily wipes on and off
- Removes plate-out, oxidation and stains
- Brings surfaces to a high luster

Safely removes plate-out, oxidation and stains on fine tooling surfaces quickly and cost-effectively. Ideal for all types of molds, dies and fixtures, it restores surface finish, while providing a high, luster sheen. The polish has proven effective on steel, stainless, aluminum, brass, bronze, beryllium, zinc, powdered metals and other materials used in injection, blow, extrusion, compression, and rim molding.

- 45210 (10-oz. can)**



NFC Mold Cleaner

- No chlorinated solvents
- Non-flammable
- Excellent solder flux remover
- Not listed as a Hazardous Air Pollutant (HAP)
- Will not stain aluminum
- No caustic or acidic compounds

A powerful, non-flammable (no flash point) metal cleaner. It thoroughly removes greases, silicones and other contaminants.

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



Mold & Metal Wipes

- No chlorinated solvents
- Pre-saturated cleaning towels
- Quickly removes releases, grease, oil and more
- Replaces hazardous cleaning solutions

Fast, convenient, pre-saturated sheets quickly clean almost any surface.* Use for preparing molds for production or storage; touch-up cleaning during production; surface prep prior to secondary operations; and general maintenance and all-purpose cleaning.

*Pre-test on non-metal surfaces.

- 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)**



On/Cycle Mold Cleaner

- No chlorinated solvents
- Use on warm molds at the press
- NSF category P1
- Complies with 21 CFR citations (GRAS)****
- Will not stain aluminum
- No caustic or acidic compounds

The ideal mold cleaner for use while in production. It works on warm molds up to 150°F/65°C and easily removes releases, oils, greases and many resinous build-ups. Made from citrus oils, it destroys odors, leaving a pleasant orange scent.

- 44212 (aerosol)**
- 44201B (1 gallon)**
- 44205B (5 gallons)**
- 44255B (55 gallons)**



More cleaners on next page >

Mold Cleaners

PC Polish Cleaner

- Also known as “Old Yellow”
- Removes stains and mold deposits
- Conditions your mold for faster startups and improved release properties
- Protects as it cleans
- Particle size <5 microns

Use PC on all metal molds to remove stains and discoloration. Formulated to be used on cold or warm injection molds, PC leaves a non-transferring, micron-thin film that reduces mold wear. Regular use of PC reduces the need for all types of internal and external release agents.

43310 (10-fl. oz. bottle)



Plastic Cleaner with Foamation

- No chlorinated solvents
- Just spray and wipe
- Safe on all plastics
- Pleasant, fresh scent, contains no ammonia
- Non-flammable, water-based cleaner with low VOCs

Foaming spray effectively removes oil and dirt marks from all plastics, even sensitive polycarbonates. Plastic Cleaner is ideal for cleaning plastic parts, and helps remove mold releases prior to secondary operations.

41515 (aerosol)



Quick Mold Cleaner

- No chlorinated solvents
- Cleans quickly without wiping
- Recommended for use on molds at room temperature

Effectively cleans molds at room temperature without wiping. It removes silicones, grease, oil and wax build-up on mold surfaces, etc. It leaves no residue. Its fast-evaporating formulation helps maximize the productivity of your operation.

40910H (aerosol)
40901HB (1 gallon)
40905HB (5 gallons)
40955HB (55 gallons)



Resin Remover

- No chlorinated solvents
- “The Stripper”
- Use to unclog mold vents
- Removes resin build-up from polyacetals, PVC, urethanes and flame-retardant mold deposits
- Removes most color deposits

Resin Remover’s powerful solvents remove resin build-up without needing to remove the mold, minimizing downtime and maximizing production. Resin Remover will remove, strip and/or aid in the removal of many resinous plastics.

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



Silicone Remover

- No chlorinated solvents
- Concentrate for use with water
- Completely removes all traces of silicone oil from molded parts

Silicone Remover is designed to replace organic solvents that are harmful to certain plastics, such as polycarbonates, styrenes and acrylics. A specially formulated wetting agent you mix with water, Silicone Remover removes silicone from molded plastic parts through repeated washing or by the use of an ultrasonic cleaning bath.

43016 (16-fl. oz. bottle)



Tip: How to Protect Molds

Spray antirust material 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 microdroplets 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

IPA (IsoPropyl Alcohol) Cleaner

- No chlorinated solvents
- NSF category P1
- Evaporates fast and leaves no residue
- Kosher-approved ingredients

IPA Cleaner contains no chlorinated solvents and provides a convenient method for removal of silicones, grease, oil and wax build-up on metal surfaces. Fast-evaporating solvent leaves no residue so there is no need for wiping. It has kosher-approved ingredients. IPA is California VOC compliant (74.9% VOC) and non-corrosive. Also used as a sanitizer, IPA has hundreds of cleaning applications.

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



Lubricants

Heavy-Duty Mold Release and Pin Lube

- No chlorinated solvents
- Paintable; non-silicone
- Food-approved lubricant(*****)
- Dry release minimizes leaching out onto parts
- Maximum operating temp: 450°F/232°C

An ideal lubricant for the front half of ejector pins (pins in forward position), this almost dry lubricant minimizes the possibility of leaching out onto molded parts. Use in combination with application of Super Grease on back side of ejector pins. Stable at temperatures up to 450°F. Can be used on plastics, rubber, waxes, glass-filled nylon and similar materials.

- 54912 (aerosol)
- 54901HB (1 gallon)
- 54905HB (5 gallon)
- 54955HB (55 gallon)



Silicone Emulsion

- No chlorinated solvents
- Water-based silicone oil solution
- Food-approved lubricant(++)

35% solids. Silicone Emulsion is advantageous for applications requiring lubrication, gloss, antistatic, protective and release properties.

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



Silicone Spray Lube (SSL)

- No chlorinated solvents
- Ideal in-process lubricant
- NSF category M1
- Complies with 21 CFR citations(++)
- Maximum operating temp: 600°F/315°C

Silicone Spray Lube has thousands of uses. For paper and film converters, it fights sticking and glue build-up problems. Use it on slitter knives, rollers, slide guides. For food processing, it eliminates sticky food buildup, speeds cleaning. Use it on heat sealers, ovens, guides, chutes, conveyors. For vertical blind manufacturing, it is an excellent lubricant for vertical blind tracks.

- 42112N (aerosol)



Super Grease

- No chlorinated solvents
- NSF category H1
- 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

Super Grease will not separate, run or fall out and has exceptional load-bearing properties. Thixotropic properties provide excellent mechanical stability when sudden temperature changes occur. A clear, clean, non-yellowing grease, Super Grease is ideal for injection molds, mold assemblies, and especially medical and food grade plastic parts. It also repels water and prevents corrosion.

- 43911 (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)



Purging Compounds

Liquid Purging Solutions

P.D.Q. Liquid Purging Compound

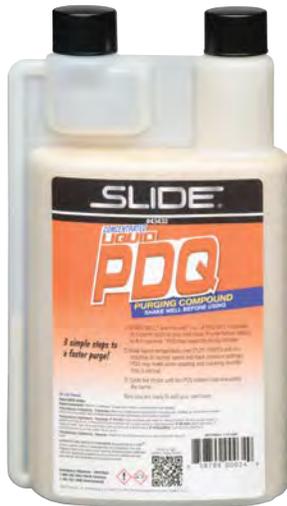
- Concentrated liquid purging compound
- Water-based additive

P.D.Q. lets you purge quickly, easily and safely, and at a fraction of the cost of conventional purges for injection, extrusion or blow molding. It is the no-soak, no-mess, easy-to-store purge solution.

P.D.Q. works with the carrier resin to remove all thermoplastics, and is effective for resin-to-resin and color-to-color changes. It requires no soaking, maximizing production up-time and eliminates the need to keep "cracked acrylic" purging resin inventory. Its unique self-measuring bottle "meters out" just the right amount of concentrate, eliminating waste.

P.D.Q. is heat stable, non-flammable, non-toxic and almost odorless.

43432 (32-fl. oz. bottle)



Portable P.D.Q. Liquid Purging Compound

- Pre-measured packets

Purging doesn't get any easier than this. Just toss a bag in hopper. That's all there is to it.

Portable P.D.Q. is exactly the same as what you find in the bottle, just a lot more convenient.

It lets you purge quickly, easily and safely, and a fraction of the cost of conventional purges for injection, extrusion or blow molding. It's the no soak, no mess, easy-to-store purge solution.

P.D.Q. works with the carrier resin to remove all thermoplastics, and is effective for resin-to-resin and color-to-color changes. It requires no soaking, maximizing production up-time and eliminates the need to keep "cracked acrylic" purging resin inventory.

P.D.Q. is heat stable, non-flammable, non-toxic and almost odorless.

43401 (box of 50 1-oz. bags)



at



"Dry" Purging Solutions

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
- GRAS rated active ingredients safe for food packaging applications

KLENZ is a revolutionary purging compound requiring no mixing or preparation time. With operating temperatures of 330° - 610°F/165°C - 321°C, KLENZ thoroughly cleanses hot runners and the barrel, helping to eliminate color streaking and black specs. Formulated with a polyolefin resin carrier, KLENZ purging compound is safe to purge right through the mold, saving time, material and money. All ingredients are GRAS rated so it is safe to use for food packaging applications. For use with injection molding, extrusion and blow molding.

468-50 (50-lb. box)

468-1000 (1000-lb. gaylord)



N.P.T. NuPurge Technology

- 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
- FDA compliant
- Use with most resins
- **Not for use with acetal or Delrin®**

The most effective new purging technology developed in decades, N.P.T. eliminates the need for multiple purging products since it effectively operates at temperatures ranging from 160° - 600°F/71°C - 315°C. It removes all traces of barrel residue in any plastics processing application in less time and for less cost.

N.P.T. solves the major problem of removing stubborn residue between color or resin changes. It consists of concentrated purge pellets that react chemically to heat, quickly and effectively cleaning machinery without extra soak time, excess downtime or lost productivity. The resulting purge is so effective that even resin deposits accumulated over long periods are often removed the first time N.P.T. is used.

Easy to use, N.P.T. requires no mixing or preparation time, shortening the clean-up cycle. Just pour the recommended amount directly into the throat of the machine. N.P.T. is so concentrated that less compound --- up to one-half the amount of cracked acrylic - is needed for a complete purge.

N.P.T. is non-hazardous, FDA compliant and free of harsh odors.

451-05 (5-lb. bottle)

451-150 (150-lb. barrel)

451-1300 (1300-lb. gaylord)



Purging Compounds / Rust Preventives

“Dry” Purging Solutions (cont.)

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
- GRAS rated active ingredients safe for food packaging applications



Purge-Atory is a revolutionary heavy-duty purging compound recommended for use with gas emitting resins such as Delrin® and acetal. Requires no mixing or preparation time. Operating temperatures ranging from 370° - 610°F/187°C - 321°C. Formulated with a SAN resin carrier, Purge-Atory is safe to purge right through the mold, saving time, material and money. All ingredients are GRAS rated so it is safe to use for food packaging applications. For use with injection molding, extrusion and blow molding.

470-50 (50-lb. box)

470-1000 (1000-lb. gaylord)

Guide To Your Purging Needs				
	N.P.T.	P.D.Q.	KLENZ	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			•	•

Rust Preventives

Acid Vapor Neutralizer

- No chlorinated solvents
- Protection when molding PVC and flame-retardant resins
- Provides dual protection against moisture and acids
- One-step rust preventive

Acid Vapor Neutralizer is formulated to protect stored plastic molding dies from corrosive attack by hydrochloric and hydrobromic acids, as well as most common atmospheric corrosives and fingerprint acids. Length of protection is dependent on amount of PVC and flame-retardant being molded.

44011 (aerosol)

44001HB (1 gallon)

44005HB (5 gallons)

44055HB (55 gallons)



Mold Shield

- No chlorinated solvents
- New ultra-dry formula
- 2-year protection*
- Non-penetrating
- Will not bleed out and mark parts
- Neutralizes fingerprints
- Non-silicone, non-wax formulation
- Self-cleaning in start-up
- Seals out condensation

Mold Shield has a unique, extra-dry spray package, which delivers a dry, non-penetrating mist into ejector pin holes, slides, cams and other moving mold parts. This special dry mist prevents marking of plastic parts when molds are put back in service.

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

42910 (aerosol)

42901HB (1 gallon)

42905HB (5 gallons)

42955HB (55 gallons)



More rust preventives on next page >

Rust Preventives

No-Rust

- No chlorinated solvents
- 5 year protection*
- Non-silicone, non-wax formulation
- Neutralizes fingerprint acids

No-Rust is a one-step rust preventive that contains both neutralizer and rust preventive.

It provides positive protection by displacing moisture from metal surfaces and adhering tightly to the surface. Ideal for mold and die protection, it works on stamping dies, stripper plates, jigs and fixtures, rubber mold dies, die casting dies, precision instruments, machine tools and machined or ground steel of all kinds. Accurate spray pattern concentrates protection in normally inaccessible crevices.

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

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



Quick Rust Preventive with Red Dye Indicator

- No chlorinated solvents
- Ultra-dry formula
- 2-year protection*
- Non-penetrating
- Will not bleed out and mark parts
- Neutralizes fingerprints
- Non-silicone, non-wax formulation
- Self-cleaning in start-up

Slide Quick RP employs a combination of fast evaporating solvents and oils to set up quickly on your mold surfaces, providing immediate protection against moisture and light acids. This unique "dry" package makes clean-up quick and easy when the mold is put back into production, saving time and money.

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

- 42810R (aerosol)
- 42801HB (1 gallon)
- 42805HB (5 gallons)
- 42855HB (55 gallons)



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

This mono-molecular penetrating film frees rust-frozen parts. It lifts and replaces moisture with a protective film and lubricates without affecting performance of electrical equipment. Non-conductive because it has high dielectric strength and lubricates delicate electronic equipment.

- 41812 (aerosol)
- 41801B (1 gallon)
- 41805B (5 gallons)
- 41855B (55 gallons)



White Rhino Rust Preventive

- No chlorinated solvents
- NSF category H1
- 2-year protection*
- Dry formulation
- Self-cleaning and self healing
- Neutralizes fingerprint acids

Slide White Rhino Rust Preventive wraps your mold in a tough, protective second skin. It's ideal for plastics processing for food applications. Fast-drying formulation sets up quickly to protect immediately against moisture and light acids. Self-cleaning in startup.

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

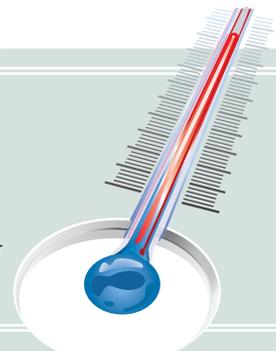
- 46710 (aerosol)
- 46701B (1 gallon)
- 46705B (5 gallons)
- 46755B (55 gallons)



Money-Saving Tips

Are you cleaning molds on cycle or off cycle?

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 the cold mold.



Cutting Oil

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

Cutting Oil is a general-purpose oil formulated to provide faster, easier drilling, cutting, sawing, threading, tapping and general machining. Compounded oil clings to metal and follows tool down. Pressurized spray forces cutting oil into hard-to-lubricate areas.

- 41314 (aerosol)
- 41301B (1 gallon)
- 41305B (5 gallons)
- 41355B (55 gallons)



Plastic Cleaner with Foamation

- No chlorinated solvents
- Just spray and wipe
- Safe on all plastics
- Pleasant, fresh scent, contains no ammonia
- Non-flammable, water-based cleaner with low VOC's

Foaming spray effectively removes oil and dirt marks from all plastics, even sensitive polycarbonates. Plastic Cleaner is ideal for cleaning plastic parts, and helps remove mold releases prior to secondary operations.

- 41515 (aerosol)



Over 6 decades expertise and innovation to help you get the most out of your mold



No-Rust

- No chlorinated solvents
- 5 year protection*
- Non-silicone, non-wax formulation
- Neutralizes fingerprint acids

No-Rust is a one-step rust preventive that contains both neutralizer and rust preventive.

It provides positive protection by displacing moisture from metal surfaces and adhering tightly to the surface. Ideal for mold and die protection, it works on stamping dies, stripper plates, jigs and fixtures, rubber mold dies, die casting dies, precision instruments, machine tools and machined or ground steel of all kinds. Accurate spray pattern concentrates protection in normally inaccessible crevices.

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

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



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

This mono-molecular penetrating film frees rust-frozen parts. It lifts and replaces moisture with a protective film and lubricates without affecting performance of electrical equipment. Non-conductive because it has high dielectric strength and lubricates delicate electronic equipment.

- 41812 (aerosol)
- 41801B (1 gallon)
- 41805B (5 gallons)
- 41855B (55 gallons)



More General Maintenance & Industry on next page >

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 releases, 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.

General Maintenance & Industry

Silicone Spray Lube (SSL)

- No chlorinated solvents
- Ideal in-process lubricant
- NSF category M1
- Complies with 21 CFR citations(++)
- Maximum operating temp: 600°F/315°C

Silicone Spray Lube has thousands of uses. For paper and film converters, it fights sticking and glue build-up problems. Use it on slitter knives, rollers, slide guides. For food processing, SSL eliminates sticky food buildup, speeds cleaning. Use it on heat sealers, ovens, guides, chutes, conveyors. For vertical blind manufacturing, it is an excellent lubricant for vertical blind tracks.

42112N (aerosol)



Tap-It

- No chlorinated solvents
- Produces cleaner threads
- For reaming, dressing abrasive wheels, etc.
- Made with natural oils

Effective for titanium, aluminum, alloys, beryllium-copper alloys, brass, bronze, chrome, magnesium, moly, stainless steel.

- 40412 (aerosol)
- 40401B (1 gallon)
- 40405B (5 gallons)
- 40455B (55 gallons)



IPA (IsoPropyl Alcohol) Cleaner

- No chlorinated solvents
- NSF category P1
- Evaporates fast and leaves no residue
- Kosher-approved ingredients

IPA Cleaner contains no chlorinated solvents and provides a convenient method for removal of silicones, grease, oil and wax build-up on metal surfaces. Fast-evaporating solvent leaves no residue so there is no need for wiping. It has a food-approved solvent and has kosher-approved ingredients. IPA is California VOC compliant (74.9% VOC) and non-corrosive. Also used as a sanitizer, IPA has hundreds of cleaning applications.

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



Tip: How do you properly apply mold release...watch the video!

There is a right way to apply mold release to get the most effective part release. And the right amount of release to apply. Many people apply far too much release thinking it will improve effectiveness. And apply it too often.

Go to www.Thermal-Tech.com to watch all of our videos. Popcorn is optional.

Money-Saving Tip

What is the real cost of your mold release?

How much product is in the can and the percent of active ingredient can vary. Determine the actual cost by calculating the number of parts you can release per can, and then calculating the mold release cost per part. Your best value is the one that gives you the lowest cost per part.

$$\# \text{ Parts Released} \div \$ \text{ Per Can} = \text{Value}$$



Handy Spray Can Holder

Slide's new spray can holder helps organize your space and keeps 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

Spray Units / Delivery Systems

FREEDOM "Hands Free" Automatic Spray Unit

- Just plug and spray
- Easy to use, no hard wiring required
- Works with Slide aerosol cylinder products
- Save money and save time
- Operate more productively

The new FREEDOM automatic spray unit is easy to program and works autonomously from all your equipment. You just plug it in and spray.

A proximity sensor placed near the mold cavity detects when the mold opens and signals the unit to deliver release. Nozzles can be attached with brackets (included) or optional magnetic mounting blocks. You are free to position them anywhere to spray release to any point, such as trouble spots in the cavity, the entire face of the mold, both mold cavities, or even to create a "cloud" of release between the cavities.

The extremely compact control unit has protective rubber feet so it can sit on any flat surface or mount directly to the machine. And it can be plugged directly into any 110V, 15 amp circuit.

The FREEDOM unit comes complete with an easy-to-program control unit, 10-ft spray hose and two nozzles, 6-ft cord and proximity sensor, 5-ft tank hose, and 10-ft power cord.

Experience the true Freedom of hands-free automatic spraying with the new FREEDOM unit from Slide.

43200

43200P Freedom with Pressure Pot

43200M (optional spray head magnet)



A. "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*. An operator can use a Slide cylinder with the Slide Handheld Spray Unit #43100M to create a self-contained spray system. Each "one-way" disposable** cylinder equals approximately four cases of our aerosol products. 100% usable. Giant Aerosol Cylinders are offered in many Slide products. The Hand-Held Spray Unit (item #43100M) comes with assorted spray tips and 10' hose.

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

* Not installed by Slide Products, Inc.

** Non-refillable by federal regulation. Please check local regulations for proper disposal method.

B. Charge-It! Refillable, Rechargeable Aerosol

Extremely dependable, with an almost indestructible stainless steel and polyacetal construction, you can fill Charge-It! with liquid bulk product and charge with compressed air (up to 150 PSI).

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

43600

C. 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, lubricants, cleaners, etc. 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 products.

43100M

Variable rate tips and valves, assortment of 6

For Charge-It! (43600) and Handheld Sprayer (43100M)

43700



Econo-Spray® Products

Need more value from your industrial solutions?
Try the Slide® Econo-Spray® line.

It contains many of the same extremely effective active ingredients.
So you get a great value and great savings.

Econo-Spray® 1 Mold Release

- No chlorinated solvents
- Non-paintable silicone
- Maximum operating temp: 600°F/315°C

Econo-Spray® 1 contains a highly effective, non-paintable silicone fluid in a non-chlorinated solvent carrier system. It will give an excellent release with all thermoplastics.

- 40510 (aerosol)
- 40501HB (1 gallon)
- 40505HB (5 gallons)
- 40555HB (55 gallons)

Recognized by Underwriters Laboratories



Econo-Spray® 3 Mold Release

- No chlorinated solvents
- Non-silicone paintable
- Food-approved lubricant*****
- Maximum operating temp: 600°F/315°C

Econo-Spray® 3 contains a highly effective non-silicone release in a non-chlorinated solvent carrier system. This product is highly paintable, and will permit ultrasonic welding of molded parts. It affords excellent release of all thermoplastics.

- 40810 (aerosol)
- 40801HB (1 gallon)
- 40805HB (5 gallons)
- 40855HB (55 gallons)



Econo-Spray® Mold Cleaner

- No chlorinated solvents
- Food-approved solvents(++++)
- Food approved
- Very low odor

Econo-Spray® mold cleaner quickly removes silicones, grease, oil and wax build-up on mold surfaces. It is also good for clean-up of non-operating electrical equipment and degreasing on machinery. Safe on solvent-sensitive plastics.

- 45612 (aerosol)
- 45601B (1 gallon)
- 45605B (5 gallons)
- 45655B (55 gallons)



Econo-Spray® 2 Mold Release

- No chlorinated solvents
- Paintable
- Maximum operating temp: 650°F/343°C

Econo-Spray® 2 is a paintable release in a non-chlorinated solvent carrier system. It permits post-decorating of molded parts without prior cleaning.

- 40710 (aerosol)
- 40701HB (1 gallon)
- 40705HB (5 gallons)
- 40755HB (55 gallons)



Econo-Spray® Rust Preventive

- Blue tracing color
- No chlorinated solvents
- Provides 3-year protection indoors*
- Neutralizes fingerprints
- Self-healing
- Does not have to be removed before using molding dies
- Harmless blue color indicates coverage

Economical rust preventive quickly displaces moisture so you can spray damp metal without drying before spraying. It helps remove rust and is compatible with lubricating oil and greases.

*Protects up to three years under normal indoor storage conditions.

- 45510 (aerosol)
- 45501HB (1 gallon)
- 45505HB (5 gallons)
- 45555HB (55 gallons)



Econo-Spray® White Lithium Pin Lube & Grease

- No chlorinated solvents
- Contains rust and oxidant inhibitors
- NLGI Grade #2 grease
- Maximum operating temp: 400°F/204°C

Econo-Spray® White Lithium Pin Lube & Grease is a white lithium grease that protects equipment by reducing the friction and sticking that can cause premature wear and hinder productivity. Pin Lube & Grease is ideal for knock-out pins where part marking could be a problem. A heavy-duty grease, it is water resistant, protects against corrosion and works at a wide range of temperatures.

- 46010 (aerosol)
- 46000-7 (7-lb. can)
- 46000-35 (35-lb. bucket)
- 46000-400 (400-lb. drum)



MOLD RELEASE CHARACTERISTICS	Econo-Spray 1 40510	Econo-Spray 2 40710	Econo-Spray 3 40810
No chlorinated solvents	●	●	●
Food-approved (silicone)	●		
Food-approved (non-silicone)			●
Paintable		●	●
Fast-acting solvent	●	●	●
Will not interfere with bonding			●
Ultrasonic welding compatible			●

Free 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 have created three standard kits you can order, or if you prefer, you can create your own sample kit, requesting the products you feel best fit your particular needs.

How to get your own kit

To request a kit, contact us. www.thermal-tech.com. Lastly, you can place your order directly through our web site.

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

Plastics Processors

Free Sample Kit

Mold Cleaner Plus Degreaser 4 mold cleaner, Mold Shield rust preventive, Pure Eze mold release, P.D.Q. liquid purge and Mold & Metal Wipes



Mold and Tool Builders

Free Sample Kit

Mold Cleaner Plus Degreaser 4 mold cleaner, Super Grease, Mold & Metal Polish, No-Rust rust preventive and Mold & Metal Wipes



Food Packaging and Medical Molding

Free Sample Kit

Pure Eze mold release, NEXGEN mold cleaner, White Rhino rust preventive, Super Grease non-aerosol



There's more for you at the online Thermal-Tech Store



- www.Thermal-Tech.com
- Secure online ordering
- Download SDS Sheets
- 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 bulk form. Formulated using the same active ingredients found in our aerosols, bulk products offer significant savings over our 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

*Not available for all products



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Notes

Footnotes

(+) Federal Definitions and Standards of identity for Feed 21 CFR 184.1521 (G.R.A.S.).

(++) Lubricants are suitable for food contact use as indicated in Title 21 of the Code of Federal Regulations.

The appropriate sections for release agents are 175.300, 177.2600, 178.3570 and 181.28. Federal Definitions and Standards of identity for Food CFR 121.101 (G.R.A.S.).

(+++++) FDA Regulation 21 CFR 172.882, 172.884, 178.3530, 178.3650; 40 CFR 180.1001 (c) & (e)

(+++++) Meets or exceeds FDA and USP/NF requirements for 21 CFR 172.878, 21 CFR 178.3620 and 21 CFR 573.680

(*) Rating applies to grease tube cartridge and 3-oz. tube. Meets former USDA H1 guidelines: For use in federally inspected meat and poultry plants.

(**) FDA regulation 21 CFR 182.20 and 21 CFR 182.60.

(***) FDA regulation 21 CFR 73.1001 and 21 CFR 182.60.

(****) FDA regulation 21 CFR section 182.20; 21 CFR section 182.60; 21 CFR section 172.515

(*****) FDA regulation 21 CFR 178.3570 (GRAS)

UL file number E90952

NSF nonfood compounds file numbers:

EconoMIST: NSF-M1 File #139869

IPA: NSF-P1 File #150676

Mold Cleaner Plus Degreaser 4: NSF-P1 File #150334

NexGen: NSF-P1 File #150675

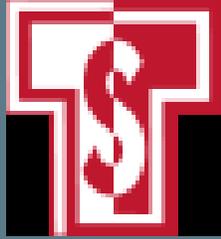
On/Cycle: NSF-P1 File #150674

Silicone Spray Lube: NSF-M1 File #139870

Super Grease aerosol: NSF-H1 File #151098

Super Grease lubricant: NSF-H1 File #140211

White Rhino: NSF-H1 File #144146



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