



Turn To The Industry Experts



NANOPLAS, Inc.
Nano Molding Technologies

High Performance Mold Maintenance Chemical Products

Mold Coatings • Mold Cleaners & Degreasers • Mold Releases • Rust Preventatives • Mold Grease



MOLD COATINGS

The use of nanotechnology creates a semi-permanent barrier on the surface of molds which facilitates extraordinary plastic part release. The cured injection mold coating is a non-toxic, and colorless hardened polymer film that is only 100-200 nanometers in thickness so it has no affect on finished part dimensions. Mold Release Coatings does not migrate out to the part surface, thereby allowing for secondary painting and decorating processes. This also allows the coating to be used in clean room and paint booth environments where silicone release products are forbidden.



QC™ Quick Cure has been scientifically formulated with the use of nanotechnology to create a semi-permanent barrier on the surface of a mold which is only 100 nanometers in thickness and which facilitates extraordinary plastic part release. QC is applied on the press for those applications that need a quick solution.

- NANO2QC** // Standard Resin App. 2 oz. bottle
- NANO2QCR** // Rubber Application 2 oz. bottle
- NANO2QCS** // Silicone Application 2 oz. bottle
- NANO8QC** // Standard Resin 8 oz. bottle
- NANO8QCR** // Rubber Application 8 oz. bottle
- NANO8QCS** // Silicone Application 8 oz. bottle



HC™ Heat Cure is a scientifically formulated injection mold coating that uses nanotechnology to create a semi-permanent barrier on the surface of a mold which is only 100 nanometers in thickness and facilitates extraordinary plastic or rubber part release. HC is applied in the tool room and is the longest lasting of our Nano coatings. HCF = FDH Approved.

- NANO5HC, NANO15HC, NANO25HC, NANO50HC** // 5 ml, 15 ml, 25 ml, 50 ml bottle
- NANO10HCF, NANO15HCF, NANO25HCF, NANO50HCF** // 10 ml, 15 ml, 25 ml, 50 ml bottle

www.pcs-company.com

phone: 1-800-521-0546 • email: sales@pcs-company.com

MOLD CLEANERS

Clean the way professionals do, like you need them to be clean: quickly, thoroughly, and without residue.



Power Clean's™ chlorinated, grime breaking formula is the strongest cleaner available in the industry. Its proven chemistry is able to clean thoroughly and quickly, leaving the mold surface completely clean without wiping.

PC-100-1 // 16 oz. can
PC-100 // Case of 12, 16 oz. cans

NOW AVAILABLE!



Zap-Ox NG™ possesses all the cleaning power of Zap-Ox but is a non-grit formula. It is specifically designed for use on polished and textured surfaces.

ZO-NG-2 // 2 oz. sample bottle
ZO-NG-12-1 // 6.75 oz. bottle
ZO-NG-12C // Case of 12, 6.75 oz. bottle



Mold Brite's™ non-chlorinated quickly evaporating chemistry pulls residue, oils, dirt, and grit from the pores of the metal, and eliminates bleeding these contaminants into hard-to-reach areas of the mold.

MB-200-1 // 12.5 oz. can
MB-200 // Case of 12, 12.5 oz. cans



Zap-Ox™ provides unmatched stain removing ability. There is no other cleaner that can remove rust, oxidation, build-up, weld discoloration, and other stains like Zap-Ox.

ZO-16-1 // 16 oz. bottle
ZO-16 // Case of 12, 16 oz. bottles

NOW AVAILABLE!



Clean-N-Run™ is a powerful cleaning formula that removes contaminants down to the virgin metal. Superior, non-chlorinated, cleaning agents allow for streak free cleaning on warm molds. Controlled evaporation gives users more cleaning time in the press and in the tool room.

CNR-10-12C-1 // 12.5 oz. can
CNR-10-12C // Case of 12, 12.5 oz. cans

NOW AVAILABLE!



Safe-T-Clean™ is a NSF P-1 listed, high-performance cleaner/degreaser. It has superior cleaning power when compared to other products in the non-chlorinated category. The powerful spray pattern helps break up tough buildup and gives you the ability to clean hard-to-reach areas of the mold.

SC-90-12C-1 // 12.5 oz. can
SC-90-12C // Case of 12, 12.5 oz. cans

Nano Mold Cleaner™ penetrates grease and oils, all while being a non-toxic, non-flammable and a biodegradable product. As a member of the PCS family of High Performance Mold Maintenance Products, NanoMoldCleaner is designed to improve mold and production efficiency. Safe to use with our Nano Mold Coatings

NCC1215 // 14 oz. bottle
NCC1214 // Case of 12, 14 oz. bottles



NOW AVAILABLE!



Kleen-All™ is a water-based, all-purpose foaming cleaner and degreaser. This industrial strength foam cleaner attacks and dissolves grease, oil, and grime on a variety of surfaces, ranging from metal to plastic.

KA-20-12-1 // 18 oz. can
KA-20-12C // Case of 12, 18 oz. cans

www.pcs-company.com

phone: 1-800-521-0546 • email: sales@pcs-company.com

MOLD RELEASE

Quickly remove hard to release parts with these special chemicals.



Dri-Kote™ mold release spray is a medium duty innovative formula designed to reduce the down time of applying mold release. It's quick drying formula bonds to the surface of the metal, and lasts longer in the mold than traditional mold releases. This release is non-silicone and fully paintable.

DK-300-1 // 10.75 oz. can
DK-300 // Case of 12, 10.75 oz. cans



Tuff-Kote™ mold release is a heavy duty mold release designed for difficult to release parts or where a longer lasting release is needed. This release is non-silicone and fully paintable.

TK-150-1 // 10.75 oz. can
TK-150 // Case of 12, 10.75 oz. cans

MOLD GREASE

Improve product production with high performance lubricants that contain incredible wear characteristics.



Cera Lube™ Spray Grease is a high performance lubricant using lithium complex base grease to give it superior performance and low thermal expansion in high temperature applications. The ceramic reinforced PTFE additive provides superior adhesion in high wear applications significantly increasing the amount of production strokes before breakdown compared to standard greases. Along with its superior performance and adhesion characteristics Cera Lube provides unmatched resistance to moisture and outside contaminants. Cera Lube is also compatible with our Nano Ceramic Grease.

CL-500-1 // 16 oz. can
CL-500 // Case of 12, 16 oz. cans



Nano Ceramic Mold Grease is a non-lithium, non-silicone, PTFE white grease used for difficult applications where other greases have failed. It's high drop point and incredible wear characteristics allow customers to apply a very thin amount and still last up to 10 times longer than standard greases. Nano Ceramic Mold Grease is NSF H-1 listed for food grade applications.

NCG1000 // 16 oz. tube
NCG1001 // Case of 12, 16 oz. tubes

**Contact us for larger sizes.*

NOW AVAILABLE!



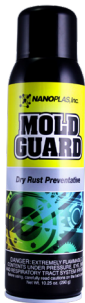
SYN-LUBE™ High Performance Synthetic Grease is a full synthetic, food grade grease designed for the most difficult industrial applications. The synthetic calcium sulfonate formula includes anti-oxidants, extreme pressure and anti-wear additives that meet the most stringent requirements for industrial environments. SYN LUBE does not contain metals, PTFE or silicone.

SD400-2J // 2 oz. sample jar
SD400-16J // 16 oz. jar



RUST PREVENTATIVES

Protect molds from harmful chemicals and corrosion.



Mold Guard™ is a truly dry rust preventative. It's moisture displacing chemistry provides a guard for your mold that will not allow corrosion to penetrate.

MG-50-1 // 10.25 oz. can
MG-50 // Case of 12, 10.25 oz. cans



NOW AVAILABLE!

Safe-T-Guard's™ moisture chemistry provides a guard for your machine that will not allow corrosion to penetrate. The guarding properties provide excellent film strength, and since it goes on dry will not break down grease and other lubricants that are already present on the surface.

SG-700-1 // 10.25 oz. can
SG-700-12C // Case of 12, 10.25 oz. cans



Mold Guard Green™ is a truly dry rust preventative. It's moisture displacing chemistry provides a guard for your mold that will not allow corrosion to penetrate. Green tint added for better visibility on the mold.

MG-50-G-1 // 10.25 oz. can
MG-50-G // Case of 12, 10.25 oz. cans



The Defender™ is a semi-dry, dual purpose rust preventative. It's semi-dry properties allow for longer lasting protection without causing bleed through. It's acid vapor neutralizer additive protects against PVC and other corrosive materials. The addition of a green dye indicator helps show the coverage while avoiding over spray on the mold.

D-400-1 // 10.25 oz. can
D-400 // Case of 12, 10.25 oz. cans



NOW AVAILABLE!

The Protector™ is a semi dry, dual purpose rust preventative designed to be used on both cold and warm molds. Its semi dry nature allows for longer lasting protection without causing bleed through. The acid vapor neutralizer additive protects against PVC and other corrosive materials.

PT-80-12C-1 // 12.5 oz. can
PT-80-12C // Case of 12, 12.5 oz. cans



Customer Service Excellence
 Trained experts are ready to assist with your product needs.



Knowledgeable Sales Team
 We're solution providers and have product and industry knowledge to assist in your success.



Quality Products
 Our products are made to industry standards and specifications.

www.pcs-company.com
 phone: 1-800-521-0546 • email: sales@pcs-company.com