

# Purging Compound

## SuperNova™



- No Ammonia Vapor
- No Powder Residue
- No Problem for Operators

If excessive downtime due to changeovers and contamination is your problem, SuperNova™ purging compound is your answer. No product performs better on color or material changes. And with regular use, unscheduled tear-down due to contamination will be a thing of the past.

**SuperNova™ Chemical Purging Compound is clearly the right choice to get your system clean...**

- No specks, no streaks. These purging compounds clean systems thoroughly, giving you longer production runs at peak efficiency. Here's how:
  - Pellets feed easily, just like production material. No dust, no fuss!
  - Once in the system, SuperNova™ purging compound undergoes a series of chemical reactions. The by-products are non-corrosive and non-toxic.
  - SuperNova™ purging compound removes thermoplastic residues from walls, negative flow areas and hard-to-reach crevices.
  - Residues are flushed from the system by the resins that follow.
  - You're back in production, fast!

**NON-Toxic, Odor Free, Worry Free SuperNova™** purging compound is harmless to operators and to the environment. These products are ammonia-free and easy-to-use. Only CO<sub>2</sub> and water vapor are emitted for a safe, clean environment. Certified to comply with FDA regulations for food packaging materials and harmless if ingested.

### Standard Temp (for processes up to 550°)

Part#: SUPERNOVA	
Quantity	Price/lb.
25-75 LBS.	\$8.52/LB.
100-475 LBS.	\$7.98/LB.
500+ LBS.	\$7.68/LB.

### High Heat (for processes 550° to 800°)

Part#: SUPERNOVAHT	
Quantity	Price/lb.
25-75 LBS.	\$10.32/LB.
100-475 LBS.	\$9.66/LB.
500+ LBS.	\$9.30/LB.

**NOTE: ALL PRICES ARE IN CANADIAN DOLLARS!**

# Purging Compound

## Coratex™



### Powerful Overall Cleaner

When changing your molding machine to run a different material and/or switching the color of the mixture, you need a purging compound that will not only remove all traces of the previous mix, including degraded material from the screw and barrel, but accomplish this with as little downtime as possible. CORATEX® liquid purging compound cleans the entire plasticator, mixed with a minimum amount of plasticizing material. It can be used immediately after the molding process to avoid costly delays in production. It will clean not only the pigments and plastic residue from the barrel and screw but, when used without a carrier, is also an excellent polishing medium for removing oxidation from metal. CORATEX® contains approximately 30% solvents so should not be used near food or food preparation equipment or be allowed to drain into ground water. It is not water soluble, has a slight odor of ammonia and is barely, not explosively, flammable.

### Coratex®

Part# CPC1	
Quantity (# of bottles)	Price (per 27oz. bottle)
1 - 5	\$32.87
6+	\$30.24

**NOTE: ALL PRICES ARE IN CANADIAN DOLLARS!**

### Mixing Ratio

MATERIAL	Coratex: Pellets
ABS	1:50
NYLON	1:20
POLYETHYLENE (HD & LD)	1:100
POLYPROPYLENE	1:50
PVC	1:30
STYRENE	1:30

Typical mixing ratios of Coratex® Purging Emulsion to pellets. (example: when purging Polyethylene, mix 1 part Coratex® with 100 parts pellets, by weight.)

# Purging Compound

Slide® NPT Nu Purge™



**COMPLETE PURGING THROUGH REACTIVE CHEMISTRY.  
NO NEED FOR MULTIPLE PURGING PRODUCTS.  
TEMPERATURE RANGE OF 160°-600°F.  
READY TO USE-NO MIXING. FDA COMPLIANT.  
USE WITH MOST RESINS. NOT FOR USE WITH ACETAL OR DELRIN.**

45105	5lb Jug	\$26.35
451150	150lb Barrel	\$711.15
4511300	1300lb Gaylord	5,549.25

The most effective new purging technology developed in decades, NPT eliminates the need for multiple purging products since it effectively operates at temperature ranges from 160–600°F. It removes all traces of barrel residue in any plastics processing application in less time and for less cost.

NPT solves the major problem of removing stubborn residue between color or resin changes. The most effective new purging technology developed in decades, NPT 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 NPT is used.

Easy to use, NPT requires no mixing or preparation time, shortening the clean-up cycle. Just pour the recommended amount directly into the throat of the machine. NPT is so concentrated that less compound-up to one-half the amount of cracked acrylic- is needed for a complete purge. NPT is non-hazardous, FDA compliant and free of harsh odors.



## P.D.Q. Concentrate

### Concentrated Liquid Purging Compound

Heat stable. Non-toxic. Non-corrosive. Non-flammable. Almost odorless. Use with carrier resin for the removal of all thermoplastics - resin to resin and color to color. Purge quickly, easily, safely and at a fraction of the cost of conventional purges -injection, extrusion or blow molding. Requires no soaking. No need to keep cracked acrylic” purging resin inventory. Unique self-measuring bottle “meters out” just the right amount with little waste. Net 32 fl. oz.

<b>Bottle</b>	Quart	1-41	42-89	90+
<b>43432</b>	Bottle	\$32.55	\$29.83	\$24.41

## P.D.Q. Ready-To-Use Packets

### Liquid Purging Compound

No Mixing Required. Non-flammable. Almost odorless. Purging doesn't get any easier than this. Just toss bag in hopper, that's all there is to it. P.D.Q. liquid purging compound is the no soak, no mess, no waste, easy-to-store purge solution. P.D.Q. works in the carrier resin, saving time and money, Just one product works on all resin temperatures.

Box of 50 – 1 oz. plastic bags

<b>Box</b>	50 1oz bags	1-6	7+
<b>43401</b>	Box	\$176.29	\$162.73



DME Moulding Supplies features the best of:

Northern Supply (800-365-6565) • Nickerson Machinery (800-821-9534) • OHS (Ontario-888-809-7050/Quebec-888-475-9224)

# Purging Compound

## Ultra Purge Plus®

Ultra Purge Plus is a specially designed cleaning compound that comes premixed in a ready-to-use pellet form. It cleans black specks and deposits from -screws, barrels, nozzle, hot runners and heads of extruders. You can obtain great results when doing periodic cleaning or color changing for all thermoplastics resins such as: All thermoplastics resins with working temperature from 374° F to 608°F (190°C to 320°C)



### HOW ULTRA PURGE WORKS:

- Ultra Purge is nonabrasive and works through a chemical reaction. With the presence of an innovative chemical component, color, incrustation, black specks and also rust are softened, removed and ejected from the press.
- The new formula is added with expanding agents, which allow the compound to be more efficient even in difficult to clean situation.
- Ultra Purge cleans at the processing temperature of the previous production material.
- Ultra Purge is recommended for injection molding machines, extruders and hot runners.

### BENEFITS:

- Non-Toxic
- No soak time required
- Easy-to-use and efficient in cleaning process
- No more wasting of materials or loss of production time
- Odorless... does not produce gasses of any kind
- Does not contain solvents, therefore it will not ruin any equipment
- If used frequently, Ultra Purge will preserve equipment from steel oxidation by forming a protective, anti-adherent layer which makes the next cleaning process quicker and easier!

UPP44	Price Each
Per 44 lb bucket	\$233.94

# Purging Compound

## Tuff-Scrub™ Clear Acrylic Base Purging Compound

**No carrier agent needed! For frequent color changes**

For quick color changes and removal of carbonized residue without scratching barrel. No carrier agent is needed, and the compound will not melt completely. Simply clean hopper of old material, add purge compound (one cylinder full should do it), leave barrel temperature at same setting as material being purged (nozzle temperature somewhat higher), remove screen-packs and make sure nozzle orifice is at least 3/16". Stop purging when all molding resin has been removed. If it does not flow properly, just raise temperature in 10 degree increments until it starts flowing; if compound turns brown and/or acrid fumes develop, simply decrease temperature in 10 degree increments. Purging into water will minimize possible smoke and odor, though fumes and odors are neither harmful nor toxic.

- Reduce downtime up to 50%
- Generate less scrap
- Save time, save material
- Two grades available

Specially formulated to purge engineering materials, but will work on all Thermoplastics. Recommended for purging polycarbonates, polyesters, nylon, thermoplastic elastomers and other engineering resins. Temperature range 350°F - 550°F.

Part#: <b>APC</b>		
Size	Price	(per lb.)
25 lb. Box	\$94.50	\$3.78
50 lb. Box	\$183.50	\$3.67
250 lb. Box	\$897.50	\$3.59