



## Product Information Sheet

### FRESH START PURGING SOLUTION<sup>®</sup> MC-2

Fresh Start Purging Solution<sup>®</sup> MC-2 is a patented, revolutionary, all-purpose purging compound which is intended to cover the needs of the plastic industry.

Fresh Start Purging Solution<sup>®</sup> MC-2 is one in a series of innovative and groundbreaking purges designed for the removal of unwanted pigments, polymers and contaminants without leaving residue. Fresh Start Purging Solution<sup>®</sup> MC-2 is a mechanical purging solution which addresses those applications when a hybrid or chemical purge are not preferred.

<b>Applications:</b>	<b>Injection:</b> Hot and Cold Runners / Blow Molding <b>Extrusion:</b> Profile / Sheet/ Cast Film/ Compounding / Blow Film
<b>Process Temperature Range:</b>	350°F – 625°F (177°C – 329°C)
<b>Resin Types:</b>	<b>All types</b>
<b>Minimum Clearance:</b>	0.010 inch or 254µm (microns)
<b>Amount of Purge:</b>	Generally requiring 1 to 3 times the barrel capacity depending on the machines condition

Samples are available for evaluation

Fresh Start Purging Solution<sup>®</sup> series of compounds are produced in Ohio USA and Ontario Canada.

Fresh Start Purging Solution<sup>®</sup> is a registered trademark of Fresh Start Polymer Solutions Inc.

Important! The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true to the best of our knowledge. NO WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, SUITABILITY OR OTHERWISE. This information is not intended to be all-inclusive as to the manner and conditions of use, handling or storage. Other factors may involve other or additional safety or performance considerations. While our technical personnel can respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patents or to violate any Federal, State or local laws.



# INJECTION MOLDING PROCEDURE

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### FRESH START MC-2 PURGE PROCEDURE FOR INJECTION MOLDING

1. Please ensure that the **SDS** and Product information sheets are read and understood. **Always** wear safety protection when running machines with purging compounds as per your workplace safety of your company.
2. Ensure that the barrel is empty of material to be changed before introducing purge
3. Pour purge into hopper. For the first-time use, use approx. 2 to 3 times barrel capacity. After this use only what is required for normal use.
4. Rotate the screw ensuring that the back pressure is high enough to keep the screw forward, until material comes out of the nozzle. This will ensure that the heat is evenly distributed at the back end of the screw.
5. Fresh Start is safe to use through the manifolds on the tools. It will help to get rid of contamination in the manifold. **Procedure for manifold purging:** Simply purge out the barrel first to ensure it is clean (per steps 1, 2 and 3) then move the nozzle forward. **Ensure that if there are valve gates that they are in the open position.** Simply purge through the manifold until the material flowing through. Do not let it sit in the manifold. You will need to introduce the next material into the manifold when you run the barrel empty. Purge the new material through the manifold until the purge is out. You are ready to start your next run.
6. Repeat the extruder run until no more purge comes out of the nozzle or manifold. At this point simply introduce the next material to be used into the screw and start to purge it out. Run next material.

Samples are available for evaluation

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