

Customized Sealant Solutions

PRC® Pre-Mixed and Frozen (PMF)



What is PRC® Pre-Mixed and Frozen Sealant?

The majority of PRC® and Pro-Seal™ aerospace sealants are available in PMF form and in a wide variety of optimized packaging options. It is simply the easiest and most efficient package option for PRC® and Pro-Seal™ brand sealants.

Traditionally, Aerospace Sealants have been provided in two part kits (base and accelerator) which are mixed just before usage. Pre-mixed and frozen sealants are mixed, packaged and then quick frozen at one of our PPG Aerospace Application Support Centers (ASC). They are then shipped to the customer on a just-in-time basis. Afterwards, they simply thaw the PMF sealant at the work station and are ready to be used.

Pre-mixed and frozen sealants offer a variety of benefits for the customer that are not available in other traditional packaging options. These benefits include reduced waste, improved quality, increased efficiency, and costs savings.

Why Consider PRC® Pre-Mixed and Frozen Sealants?

Cost Savings

- Elimination of shop floor mixing saves time
- Numerous PMF package size options (the right size for the right job), thus eliminating waste significantly - more sealant gets on the part instead of in the trash
- Just in time delivery means the product is always fresh, eliminating waste due to shelf life expiration

Improved Quality

- Air: Reduces air in the sealant due to improper mixing
- Mix: Ensures the product is thoroughly and properly mixed, maintaining application and performance properties
- Cure & Hardness: Tests are run to verify that each run/mix meets its specifications

Increased Efficiency

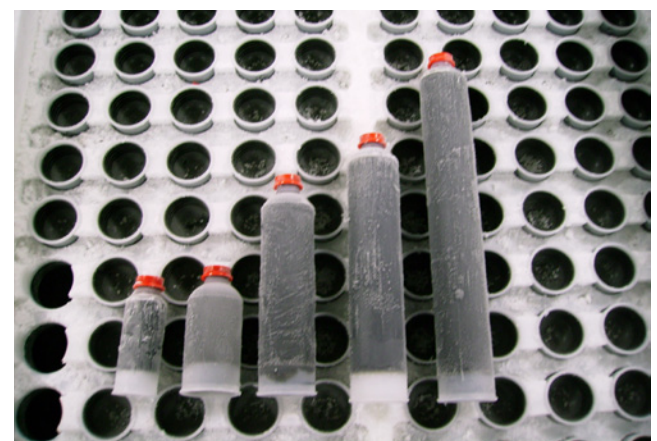
- Customer's freezer stocked weekly by PPG (POU Programs)
- Eliminates potentially costly rework due to shop mix errors
- Eliminates lost production time to mixing material
- Reduces concern for expired material and stock outs
- Materials packaged for maximum economy and efficiency (Cartridges 1oz, 3oz, 6oz, 25gm and 50gm)

Environmental Standards

- All materials have complete and current labeling
- Reduced employee exposure to material
- All materials packaged in convenient, stable, ready to use, safe containers

Technology & Packaging

The majority of PRC® and Pro-Seal™ aerospace sealants are available in a variety of pre-mixed frozen packaging. Immediately after mix the products are quick frozen. Secondary quality conformance testing is run on each run to assure it completes conformance. Upon final approval the Pre-Mixed Frozen products are packaged in a specially designed shipping container that maintains the correct storage temperature during shipping. The material is shipped to the end-user who needs only to thaw the cartridges and apply the sealant.



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Storage Life

Storage life for pre-mixed and frozen sealants will vary based on their composition types. Polythioethers have a shelf life of 30 days after mixing and must be stored at -80°F or lower. Polysulfides and polyurethanes have a shelf life of 30 days after mixing and must be stored at -40°F, or 60 days when stored at -80°F or lower.

PPG Aerospace is dedicated to working with our customers to design cutting-edge technology to meet the varying challenges manufacturers face. To find out how PPG Aerospace can work for you, contact us at www.ppgaerospace.com.

Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at www.ppgaerospace.com.

For sales and ordering information call 1-800-AEROMIX (237-6649).

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

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