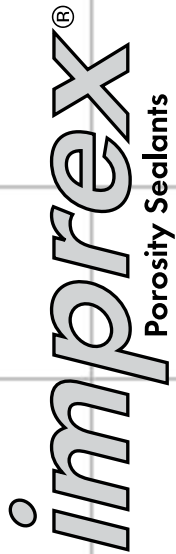


Technical Data Sheet



95-1000A THERMOSETTING IMPREGNATION SEALANT

Product Description

Godfrey & Wing's Imprex 95-1000A is a thermal curing impregnation sealant designed to seal porosity in cast and powdered metal components. 95-1000A is easily washed from the surface of components and is completely soluble in city or de-ionized water. Once polymerized the hardened resins exhibit superior chemical resistance and elevated temperature stability.

Components may be tested or assembled immediately after impregnation as 95-1000A cures in the presence of heat (thermal transfer), to form a durable thermo-set polymer.

Product Certification

MIL-I-17563 Rev. C - Class 1, 1a and 3
NSF Approved
UL Listed

Typical Applications

95-1000A is the most widely used impregnation sealant in North America and Asia. Inherently stable and easy to maintain, 95-1000A can be found in nearly every field of use - from the most demanding aerospace applications to automotive powertrains to mission critical defense and aviation components. Proven through years of use in challenging field conditions, 95-1000A continues to build upon its long list of applications and approvals.

Typical Properties (Uncured)	Value
Chemical type	Methacrylate blend
Appearance	Amber fluorescent liquid
Viscosity @ 22°C, cps	16
Specific gravity @ 22°C	1.06
Flash point	>200°F Cleveland Open Cup
Vapor pressure	<1mm Hg

Typical Properties (Cured)	Value
Hardness, Shore D	65
Coefficient of Thermal Expansion	120 x 10 ⁻⁶ mm/mm/°C
Operating Temp, °C (°F)	-46 to 205 (-50 to 400)

Chemical/Solvent Resistance

95-1000A has passed all requirements of MIL-I-17563 Rev. C and also exhibits excellent resistance to a wide range of acids, caustics, hydrocarbons and solvents. Please contact your Godfrey & Wing Sales Engineer for specific chemical or solvent compatibility.

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).



Godfrey & Wing Inc.

www.GodfreyWing.com
1.800.241.2579

Technical Data Sheet

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(continued)

Disposal of Waste

Any effluent generated from the rinse waters in the impregnation process may, in general, be disposed of in accordance with the municipal waste water regulations or treated within existing in-plant WWT facilities. Since both the circumstances of use and local waste disposal requirements vary, consult your Godfrey & Wing Sales Engineer for recommendations.

Storage

95-1000A should be stored in a cool, dry location out of direct sunlight at a temperature between 65 to 85 °F (18 °C to 28 °C) unless otherwise labeled.

Initiated 95-1000A in an impregnation system has unlimited pot life if recommended procedures are followed, including control of sealant temperature.

Impregnation Equipment

Godfrey & Wing® designs and builds a complete line of traditional batch, front load and patented Continuous Flow Impregnation (CFI) systems. All systems are engineered to maximize quality control of the process to maximize productivity, economy of sealant usage, and energy efficiency.

For more information, contact Godfrey & Wing at 1-800-241-2579 or visit www.godfreywing.com

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. Godfrey & Wing, Inc. shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith.

(Revised 10/09)

imporex[®]
Porosity Sealants



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