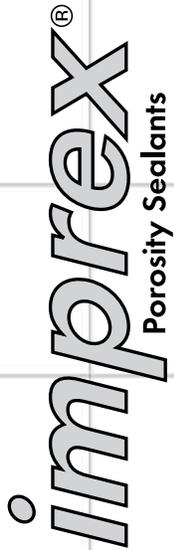


Technical Data Sheet



95-1000AC ANAEROBIC IMPREGNATION SEALANT

Description

Godfrey & Wing's Imprex 95-1000AC impregnation sealant is designed to seal porosity in cast and powdered metal components. 95-1000AC 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.

When used prior to plating or painting processes, 95-1000AC eliminates failures due to out-gassing or to absorption of plating materials that could later bleed out of pores causing finishes to discolor, bleed, pit or peel. Sealed powdered metal parts exhibit better machinability, enhanced tool life and better dimensional control.

95-1000AC is anaerobic, curing in the absence of air where confined, to form a durable, thermo-set polymer. Several factors influence the cure rate of the 95-1000AC including chemical, thermal and ionic activity

Typical Applications

95-1000AC is well suited to nearly all applications as its high resistance to heat and chemicals cover a wide range of uses in automotive, defense and aviation components. It is widely used to seal powdered metal components prior to plating or painting.

Other common uses include engine and powertrain components, fuel handling systems, hydraulic systems, refrigeration and air compressors.

Typical Properties (Uncured)	Value
Chemical type	Methacrylate blend
Appearance	Amber fluorescent liquid
Viscosity @ 22°C, cP	8
Specific gravity @ 22°C	1.03
Flash point	See MSDS
Vapor pressure	<1mm Hg

Typical Properties (Cured)	Value
Hardness, Shore D	75
Coefficient of Thermal Expansion	150 x 10 ⁻⁶ mm/mm/°C
Operating Temp, °C (°F)	-40 to 163 (-40 to 325)

Chemical/Solvent Resistance

95-1000AC 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

95-1000AC ANAEROBIC IMPREGNATION SEALANT

(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

95-1000AC should be stored in a cool, dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°C) unless otherwise labeled. To prevent contamination of unused material, do not return any material to its original container. 95-1000AC that has been activated in an impregnation system has unlimited pot life if recommended controls are maintained, including temperature controls and aeration.

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 8/10)

imprex[®]
Porosity Sealants



Godfrey & Wing Inc.

www.GodfreyWing.com
1.800.241.2579