LEAK LOCK™ BLUE
Joint Compound

Leak Lock®

Soft setting pipe joint compound that seals threaded joints, gasket surfaces & mating surfaces. Ideal for joining dissimilar metals and other materials. Leak Lock is proven formulation that will stick to all clean surfaces and can be used to prevent vibration from loosening nuts, bolts, plugs and fittings.

Hot or cold, Leak Lock does its job. It never hardens and it never becomes brittle. This means that regardless of temperatures and physical shock, Leak Lock will always maintain a perfect seal. Ideal for use with pressure as well as vacuum service.

Effectively seals and is resistant to all refrigerants, oils, water and most chemicals, both liquids and gases.

10-10-049: Leaklock 1.3 oz tube
10-10-053: Leaklock 1 pint brush top

Temperatures from -200° to 400° F,
full vacuums up to 10,000 PSI

Leak Lock seals most chemicals including all refrigerants (R-12, 22, 502, 134A, etc.) petroleum products, natural and manufactured gases, steam, water, air, etc.

PHYSICAL DATA
Vapor Density (Air = 1): 1.6 Appearance and odor:
Blue flowable paste. Slight alcohol odor
% Volatile (by weight): 28
Specific Gravity (H_2O = 1): 1.3
Solubility in Water: Insoluble
% Volatile organic compounds: 28
VOC Content: 340.8 grams per liter at application (Once product sets - Zero VOCs)

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Leak Lock®

Product Specifications

What is leak lock?

Leak Lock is a state-of-the-art high strength, pipe joint sealant consisting of chemically resistant film formers, plasticers, reinforcing fillers and solvents.

How It Works

When Leak Lock is applied to pipe joints, it adheres to the mating surfaces. After joints are assembled, Leak Lock set a to form a chemically resistant flexible fluid-tight seal.

How to Use It

Leak Lock should be applied to clean joint surfaces, either with the applicator brush or any convenient spatula. Apply Leak Lock to both mating surfaces. Tack should be allowed to develop before joints are assembled.

Where to Use It

Leak Lock can be used on all metal or plastic materials, including but not limited to, aluminum, aluminum alloys, cast irons, copper, copper alloys, (brass, bronze, etc…), magnesium and magnesium alloys, carbon steels, stainless steels, galvanized surfaces, PVC, CPVC, ABS, fiberglass, black polypropylene, and kynar. Leak Lock should be applied to threaded joints, flanged joints, gasket surfaces and all mating surfaces where a fluid-tight seal is required. Special

Applications – Leak Lock is ideal for joining dissimilar metals and materials. Prevents loosening of nuts, bolts, plugs and fittings.

Typical Physical Properties

- Viscosity……..100,000-200,000 cps
- Consistency…flowable Paste
- Color……..light blue
- Solvent…….ethanol and isopropanol
- Pressure…….full vacuum to 10,000 psi
- Temperature…-200ºF to +400ºF
- Toxicity…….non-toxic
- Shelf Life…..Indefinite when kept Sealed

Safety Data Sheet is available from ARGCO or can be downloaded from our website: www.ARGCO.com

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TYPICAL PHYSICAL PROPERTIES:

Viscosity	25,000 - 100,000 cPs
Consistency	flowable paste
Color	light blue / light gray
Solvent	ethanol and isopropanol
Pressure	full vacuum to 10,000 psi
Temperature	-200°F to +400°F
Toxicity	nontoxic
Shelf Life	indefinite when sealed

Material Safety Data Sheet is available from Highside or can be downloaded from our web site: **http://www.highsidechem.com**

LEAK LOCK— SUCCESSES

The following is a partial list of the materials and fluids that Leak Lock has successfully sealed:

REFRIGERANTS:
All CFC's, HFC's, HCFC's and PFC's including but not limited to:
R-717 (ammonia)
R-744 (carbon dioxide)
R-11 (trichlorofluoromethane)
R-12 (dichlorodifluoromethane)
R-21 (dichlorofluoromethane)
R-22 (chlorodifluoromethane)
R-113 (1, 2trichlorotrifluoroethane)
R-114 (1, 2dichlorotetrafluoroethane)
R-40 (methyl chloride)
R-30 (methylene chloride)
R-290 (propane)
R-764 (sulfur dioxide)
R-134a (1, 1, 2-tetrafluoroethane)
R-13, R-13bl, R-500, R-502, R-503, R-123, R-124, R-401A, R-401B, R-402A, R-402B, R-403B, R-406A, R-408A, R-409A, R-23, R-23fa, R-404A, R-407A, R-407B, R-407C, R-410A, R-507, R-508.

REFRIGERATION OILS
Mineral Oils, Napthenic
Mineral Oils, Paraffinic
Polyalphaolefins
Alkylbenzenes
Polyvinylether
Polyol Ester

SOLVENTS:
Water (soft, hard, potable)
Seawater (saltwater)
Pentane
Hexane
Cyclohexane
Heptane
Cyclohexane
Petroleum Napthas
Mineral Spirits
Toluene
Xylene
Perchloroethylene
D-Limonene
Turpentine
Pine Oil
Lacquer Diluent
Rubber Solvent
VM&P Naptha
Stoddard Solvent
140°F Solvent
Deodorized Kerosene
Medium-flash Aromatic Naptha
High-flash Aromatic Naptha
Dipentene
Methylene Chloride
1, 1, 1-Trichloroethane
2-Nitropropane
Orthodichlorobenzene
Monochlorobenzene
Chloroform
Ethylene Dichloride
Trichlroethylene
Propylene Dichloride
Aliphatic Solvents
Acids, Dilute
Aromatic Solvents
Glycerine
Chlorinated Solvents

INDUSTRIAL GASES:
Acetylene
Chlorine, Anhydrous
Air
Carbon Monoxide
Ammonia, Anhydrous
Argon
n-Butane
Carbon Dioxide
Ethane
Ethylene Chloride
Fluorine
Hydrogen
Methane
Neon
Nitrogen
Nitrous Oxide
Oxygen (Industrial only)
Propane
Propylene
Silane
Xenon
Tetrafluoromethane
Helium

FUEL GASES:
Natural Gas
LPG "Liquified Petroleum Gas"
LNG "Liquified Natural Gas"
Propane
n-Butane
Isobutane

FUELS:
Gasoline (petrol, motor fuel)
Aviation Fuels (avgas, jet fuel)
Fuel Oils, Diesel Fuel Oils, Gas Turbine Oils, Kerosene, Gas Oil.

OILS:
Mineral Oils, Soybean Oil, Coconut Oil, Tall Oil, Peanut Oil, Rapeseed Oil, Menhaden Oil, Vegetable Oil, Animal Oil, Hydraulic Oils, Crude Oil.

** Leak Lock is not recommended for use with alcohols.*

CURE TIME:
Leak Lock will cure and be ready for service in as little as 20 minutes or no more than 24 hours depending on pipe size and temperature of application

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