



HVAC/R Coil Coatings and Surfactant System Coil Cleaners

For Additional Assistance Contact:

Bronz-Glow Husky® Coil Coat (HLF 815C659)

PRODUCT DESCRIPTION:

Coil Coat (HLF 815C659) is our top of the line dip formulation for protecting fin tube and coaxial coils from the effects of the most severe corrosive environments. Husky Coil Coat HLF 815 is a tough abrasion resistant coating. Its harder more cut resistant finish remains flexible and expandable. This coating protects against corrosives of the entire pH range of 1.0-14.0. This coating is restricted for use by Bronz-Glow Certified and Licensed Dip Applicators. Husky Coil Coats unique characteristics of 250% elongation and 350+% flexibility, and bonding strength allow the coating to expand and contract at the same rate as the underlying metals, preventing cracking, chipping and flaking of the coating. Coil Coat forms a moisture resistant barrier preventing intrusion of water even when in high humidity environments. This coating has less than 1/2% of 1% degradation on heat transfer efficiency of the coil. Being a single component coating it can be readily repaired in the field should it be damaged in shipment or from abrasion. Husky Coil Coat's protective quality coupled with its negligible effect on heat transfer extends equipment life and helps diffuse unnecessary energy and maintenance expense.

CORROSIVE ENVIRONMENTS WHERE USED:

Coastal regions, sugar refineries, petroleum refineries, paper mills, chemical plants, off shore drill platforms, waste water treatment facilities, tunnel exhaust systems, veterinary clinics, animal kennels, swimming pool environments, mushroom plants, airports, fossil fuel generating plants, hospitals, restaurants, marine applications, saw mills, convention centers, shopping malls, and many other moderate to severe corrosive environments.

ATMOSPHERIC CHEMICAL RESISTANCE:

Salt air, salt water, acid rain, H₂SO₃, sulfuric acid, HF, ammonia, chlorine, HCL, chlorides, acids, sulfur water, alkalis, Uric acid/Urea (animal urine, bird and insect fluids).

GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

COLOR: Dark Bronze

NOTES:

Non Stop Protection Over The Entire 1.0 - 14.0 pH Range...

Up To 10 Year Warranty Protection...



Factory dip and field spray coating services available through Bronz-Glow Certified, Trained and Licensed Applicators.



Exploded view of coil face after being coated with Coil Coat HLF 815C659. The coating has a unique transparent base creating an interesting color variance in the form of light reflective highlighting from bronze to a near clear metallic look.

**250% Elongation...
350% Flexibility...**

Effect On Heat Transfer, Less Than 1/2 of 1%...

Save Energy Cost...

Bronz-Glow Husky® Coil Coat (HLF 698C33)

PRODUCT DESCRIPTION:

Husky Coil Coat (HLF 698C33) is our top of the line spray formulation for protecting fin tube and coaxial coils from the effects of severe corrosive environments. Coil Coat passed 6,300 hours salt spray testing proving it is a tough abrasion resistant coating. This coating protects against corrosives of the entire pH range of 1.0-14.0. This coating is restricted for use by Bronz-Glow Certified and Licensed Applicators. Husky Coil Coats unique characteristics of 400% elongation and 500% elasticity allow the coating to expand and contract at the same rate as the underlying metals, preventing cracking, chipping and flaking of the coating. Coil Coat forms a moisture resistant barrier preventing intrusion of water even when in high humidity environments. This coating has less than 1/2% of 1% degradation on heat transfer efficiency of the coil. Being a single component air dry coating it can be readily repaired in the field should it be damaged in shipment or from abrasion. Aerosol cans of the coating are available to owners and maintenance personnel for making minor coating repairs. Husky Coil Coat's protective quality coupled with its negligible effect on heat transfer helps minimize unnecessary energy and maintenance cost.

CORROSIVE ENVIRONMENTS WHERE USED:

Coastal regions, sugar refineries, petroleum refineries, paper mills, chemical plants, off shore drill platforms, waste water treatment facilities, tunnel exhaust systems, veterinary clinics, animal kennels, swimming pool environments, mushroom plants, airports, fossil fuel generating plants, hospitals, restaurants, marine applications, saw mills, convention centers, shopping malls, and many other moderate to severe corrosive environments.

ATMOSPHERIC CHEMICAL RESISTANCE:

Salt air, salt water, acid rain, H₂SO₃, sulfuric acid, HF, ammonia, chlorine, HCL, chlorides, acids, sulfur water, alkalis, Uric acid/Urea (animal urine, bird and insect fluids).

GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

COLOR: Dark Olive

NOTES

**Passed 6,300
Hours Salt Spray
Testing...**

500% Elasticity...

**Spray or Dip
Applied...**



Spray application of our Husky Coil Coat HLF 698C33, is performed in both the factory and field. This coating like our other dip coating has a translucent coloring which casts a reflective highlighting from dark olive to near clear metallic color. The Bronz-Glow Husky Coil Coat dip and spray coatings are uniquely identifiable by their translucent reflective color quality.

**Protects Against
Sulfur Water..
Single Component
Coating...**

**Extends Equip-
ment Life...**

**Stops Dirty Sock
Syndrome...**

**Does Not Crack,
Chip or Flake...**

Stops Corrosion...

**Environmentally
Safe...**

**Negligible Effect
On Heat Transfer.**

Bronz-Glow Husky® “Green Fin” Coil Protector (HLF-698C444) For Industrial Use Only

DESCRIPTION:

Green Fin Coil Protector is formulated to protect fin tube and coaxial coils in moderate to heavy corrosive atmospheres. A flexible synthetic coating having excellent resistance to corrosive coastal and chemical atmospheres. The coating is for spray application using general commercial spray equipment. Green Fin Coil Protector by virtue of its protective quality and ease of application helps maintain operating efficiency and aids in extending equipment life. Called Green Fin for its Hunter Green color it is easily repaired with an aerosol kit should the coating be damaged.

BENEFITS:

When properly applied:

- Decreases maintenance expenses and replacement costs.
- Aids in maintaining operating efficiency.
- Provides excellent corrosion protection.
- Exhibits excellent resistance to fading, chalking and does not crack, chip or flake.

Husky Green Fin Coil Protector is a solvent base synthetic single component coating, that air dries to touch in about 15 to 20 minutes. It exhibits excellent coastal, corrosion and abrasion resistance and is formulated with a 10 year U.V. inhibitor to protect against the Florida sun.

CHEMICAL RESISTANCE:

Acids, alkali, salt water spray, acid rain & salt air, sulfur water, nitrogen dioxide, carbon dioxide, Uric Acid/Urea (animal urine, bird and insect fluids)

GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

COLOR: Hunter Green

**Great Corrosion
Protection For
Coils, Tubing,
Blowers &
Cabinets...**



Bronz-Glow Husky “Green Fin” Coil Protector a spray applied coating is available to applicators and contractors in 5 gal pails or 50 gallon drums. Called “Green Fin” because of its Hunter Green Color. This coating has some of the quality characteristics of our top of the line Husky Coil Coat (698C33).

This coating is also available in an aerosol kit for the a/c technician or Do-It-Yourself Handyman.

NOTES

**Ten Year Florida
Sun Inhibitor...**

**Dry To Touch In
15-30 Minutes...**

**Protects Against
Animal Urine &
Sulfur Water...**

**Single Compo-
nent...**

GSA Approved...

Bronz-Glow Husky® “Green Fin” Coil Protector Aerosol Kit (HLF-698-444-AK)

DESCRIPTION:

Green Fin Coil Protector is an aerosol formulated for application on small fin tube and coaxial coils. Designed to protect coils in mild to moderate corrosive atmospheres. This flexible synthetic coating kit was developed for the “Do-it-Yourselfer” or the a/c technician to apply to small window, P-Tac, refrigeration or water fountain coils. It is also used to touch-up coils which have been Husky Green Fin coated by commercial spray application. It provides good corrosion protection against coastal atmospheres. Green Fin Coil Protector by virtue of its protective quality and ease of application helps maintain operating efficiency and aids in extending equipment life. Called Green Fin for its Hunter Green color it is easily repaired with an aerosol can of Green Fin Coil Protector should the coating be damaged.

BENEFITS

When properly applied:

- Decreases maintenance expenses and replacement costs.
- Aids in maintaining operating efficiency.
- Provides good corrosion protection from coastal environments.
- Does not crack, chip or flake.

Husky Green Fin Coil Protector Aerosol is a solvent base synthetic coating, that air dries to touch in about 15 to 20 minutes. It exhibits excellent coastal, corrosion and abrasion resistance and is formulated with a 10 year U.V. inhibitor to protect against the Florida sun.

CHEMICAL RESISTANCE:

Acids, alkalis, salt air, acid rain, sulfur water, ammonia fumes, chlorine vapors and Uric Acid/Urea. (animal urine, bird and insect fluids)

GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

COLOR: Hunter Green

NOTES

Do-it-Yourself... Used To Protect Window, P-Tac & Small Residential Condenser Coils...



Aerosol coating for small
condenser coils easy as
A-B-C to apply



For the Do-It-Yourself Technician or Handyman, The Husky “Green Fin” Kit may be found in many wholesale houses or ordered through your Bronz-Glow representative. This 4 can aerosol kit contains one can aerosol coil cleaner, one can aerosol primer & two aerosol cans of coil coat.

**Purchase Products & Coating Services With Your Credit
Card Over The Web Or By Phone....GSA Approved...**

Bronz-Glow Husky®

Sea Coast Protector (HLF 781)

PRODUCT DESCRIPTION:

Sea Coast Protector is an elastomer single component coating formulated for multiple uses ranging from corrosion protection on condenser coils, steel cabinets or enclosures, copper or steel pipes, wood structures, exterior light fixtures, tarpaulins, aluminum, brass, concrete block and masonry. A versatile and economical product it dries to the touch in 15-30 minutes and full cure within a couple of hours.

CORROSIVE ENVIRONMENT PROTECTION:

Protects items from the corrosive effects of salt, air, acid rain, chlorine vapors, ammonia vapors, carbon dioxide, nitrogen dioxide, acids, alkalis and Uric acid/Urea (animal urine, bird and insect fluids).

EFFECT ON HEAT TRANSFER: Negligible

GAS CHROMATOGRAPHY: No evidence of any residual solvent vapor was detected.

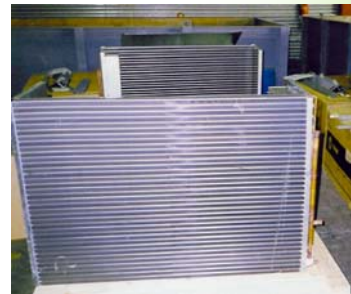
COLOR: This product limited to Transparent Blue & Clear
Other colors available upon special order 50 gallon minimums

This coating is available for sale under private label.

NOTES



Contractor spray coating a spiny fin coil using the clear Sea Coast Protector



Slab evaporator coils coated at contractor's facility with transparent blue Sea Coast Protector



Copper piping coated with Sea Coast Protector clear to protect tubing from corrosive atmosphere in waste water treatment facility

Blended Ready To Use...

Works On All Types of Substrate Surfaces...

Available Under Private Label...

300% Elasticity...

400% Flexibility...

Spray, Dip, Roll or Brush...

Has Negligible Effect On Heat Transfer...

Bronz-Glow Husky®

SPC (HLF-698)

Synthetic Polyelastomer Coating

DESCRIPTION:

SPC is a unique air dry synthetic solvent base coating that can be easily applied by spraying, brushing, rolling or dipping. It resists moisture, acids, abrasion, weathering, electrical shock, skidding/slipping, and corrosion. This coating can be used to protect all types of tools, equipment or surfaces including lawn and garden, mechanical, electrical, wood, metal cabinetry, enclosures, cement block and masonry or to coat most any substrate material. It can be used to coat cloth and rope to prevent rotting, fraying and provides moisture resistance. At 12-15 mils dry thickness SPC is virtually moisture proof even to harsh base, alkaline and acidic solutions. It can be used to provide color coding and corrosion resistance for piping systems. SPC weatherproofs rubber and makes it more wear resistant. On wood SPC seals and protects it from weathering and prevents splinters. SPC is a single component versatile coating that performs in those really tough applications where paints fail. Meets USDA requirements for non-food contact surfaces. When coating metal and galvanized surfaces Husky 150 Primer is recommended.

BENEFITS

- Decreases maintenance expenses and replacement costs.
- Reduces the need to paint as frequently.
- Provides superior corrosion protection in any environment.
- Exhibits excellent resistance to corrosion, fading, chalking and most all chemicals.

GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

SPC Coat HLF-698 formula can be sprayed, rolled or brushed, and is available in a wide variety of colors. Husky 150 Primer recommended for metal surfaces. Has 10 year Florida sun, U.V. inhibitor.

NOTES

Got A Really Bad Environment?
This Is The Coating...
Single Component...GSA Approved...

Stops Rust In
Any Corrosive
Environment...



SPC (HLF 698) Light gray used to coat the exterior cabinet on the a/c unit above.



SPC (HLF 698) beige used to coat the exterior and interior cabinet on the a/c unit above.



SPC (HLF 698) light gray used to coat the tube sheets, header and "U" bends on this evaporator coil.

Flexibility...

Elasticity...

pH Protection...

Dielectric
Strength...

This One Has
"Em" All Beat..

Bronz-Glow Husky®
SPC Clear Coat (HLF 815)
Tough Synthetic Coating
A.I.M. Compliant 4.6 lbs/gal V.O.C. Maximum.

DESCRIPTION:

SPC Clear Coat is an extremely tough single component air dry solvent base coating that locks out moisture, and protects the substrate surface from acids, abrasion, weathering, and most every form of atmospheric corrosion. This coating was developed to protect HVAC/R cabinets, ducting, blowers, curbing and electrical closures. When used to protect cabinets and enclosures this unique coating allows the manufactures color to show without diffusion. SPC Clear Coat can be applied over vinyl decals, stenciled paper and permanent marker without distorting the print. It protects equipment from the harshest base, alkaline and acidic solutions. This single component versatile coating performs in those really tough applications where paints fail.

BENEFITS

When properly applied and when subject to normal conditions:

- Single component coating no parts A & B, no waste due to short pot life time or over mixing.
- Decreases maintenance expenses and replacement costs.
- Reduces the need to paint as frequently.
- Provides superior corrosion protection in any environment.
- Exhibits excellent resistance to corrosion, fading, chalking and most all chemicals.

APPLICATION METHODS:

Dip or airless spray.

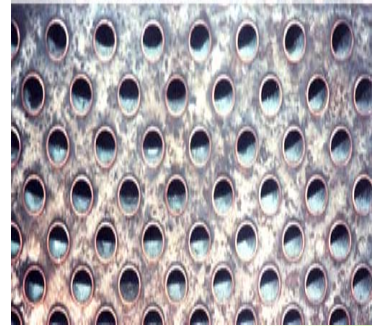
GAS CHROMATOGRAPHY TEST (FID) No evidence of residual solvent vapors.

NOTES: _____

**Tired Of
Re-tubing? You
Can't Top This !!**



Before Treatment
Chiller head sand blasted and
protected with SPC Clear Coat
(HLF 815). Air Cured.
After Treatment



Chiller unit coated with Husky
SPC Clear Coat to protect the
cabinet from corrosive effects
of incinerator gasses and
coastal atmosphere

**And You Thought Epoxies Were Good! Cures Faster...
Doesn't Chip, Flake or Crack... Coat Over Labels, Decals,
& Stencils Excellent Adhesion & No Distortion...
Complete pH Range Protection... Field Repairable...
Fast Drying... Single Component... Airless Application**

Bronz-Glow Husky® Insul Coat (HLF-830)

A Low V.O.C. Formula

DESCRIPTION:

Husky Insul Coat is a solvent base air dry vinyl low V.O.C. coating specifically developed to seal fibrous insulation, un-skinned polyurethane foams, and closed cell foams. It produces a skin/membrane on insulation and polyurethane foam to create a barrier against moisture and chemical attack. Once dry it is a tough durable coating which will withstand heavy abrasion and is resistant to punctures. When properly applied Insul Coat protects insulation from break-down and prevents fibers from migrating into the air stream. This coating meets fire rating code UL94HBF. Used properly it enhances indoor air quality (IAQ) by preventing fiber migration and when an anti-microbial biostat is added at time of application to provide long term protection against mold, mildew and fungus, (the sources of Legionella and Sick Building Syndrome (SBS)). Insul Coat can be used as an economical substitute for double wall construction. The qualities of this product find particular use in the medical industry where cushioning and positioning devices are fabricated and used in sterile environments, as well as therapeutic practices. Other uses include cushioning for athletic devices, seat cushions, packaging and acoustical panels. Insul Coat is an excellent cost effective replacement for Hypalon® coating.

BENEFITS:

When properly applied to metal substrates it:

- Improves moisture & puncture resistance of insulation and foams.
- Aides in preventing fiber from breaking down and entering the air stream.
- Economical substitute for double wall construction.
- Anti-microbial may be added to aid in preventing growth of fungus, mildew and mold.
- Single Component....no catalyst

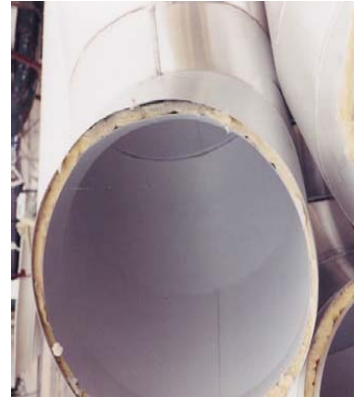
MEETS FIRE CODE RATING: UL 94 HBF

COLORS: Light Gray & Black

NOTES:

**Meets Fire Code UL 94 HBF...
Prevents Fiber Breakdown...
Improves Moisture & Puncture
Resistance... Tough & Durable.**

Fire Retardant



Husky Insul Coat for protecting fiber insulation from deterioration, mold, mildew. It aids in preventing "Sick Building Syndrome and Dirty Socks Syndrome". It is also prevents fiber carry over into the air stream. It has been used to replace dual panel construction where a highly pure air stream is required.



May be applied to insulation on transportation equipment.

Quick Drying..

IAQ Product..

**Prevent Fiber
Breakdown...**

**Used To Save
On Double Wall
Construction....**

Bronz-Glow Husky®

Pat Coat (HLF-688-S)

Tuff Coat (HLF-688)

Water Base Acrylic Coatings

DESCRIPTION:

These acrylic water base coatings establish a new performance standard for maintenance and marine coatings. The gloss capability, corrosion resistance, flow, hardness and chemical resistance characteristics imparted by these water base acrylic coatings are typical of those associated with conventional solvent based paints. When applied properly, adhesion is excellent even to difficult galvanized steel surfaces. These coatings are formulated for commercial, institutional, and industrial maintenance markets. Excellent for coating exterior of storage tanks, concrete, cement block, wood and metal cabinets and enclosures. With their high flexibility rate they may also be used to coat tarpaulin materials and other fabrics.

BENEFITS

When properly applied and when subject to normal conditions:

- Decreases maintenance expense and replacement cost.
- Protects against atmospheric and chemical attack reducing the need to paint as frequently.
- Single component coatings save dollars on product inventory investment.
- Exhibits excellent resistance to corrosion, fading, chalking, chemicals and solvents.

These coatings have very low V.O.C's, are non-flammable with a high solids content making them an emission control coating system, that can be air dried or heat cured to meet production demands. These coatings are available in a wide variety of colors and exhibit excellent petroleum, chemical, UV, corrosion and abrasion resistance. These coatings bond to metal, wood, concrete, and plastics without primers. They give you the safety of water base with the performance of solvent base paints. Prime unpainted new metal.

Typical applications include protecting and color coding transformers, coils, tools, fixtures & brackets, oil handling equipment, heavy duty machinery, chain link fence components.

NOTICE:

Pat Coat (HLF 688-S) Is a spray coating to be used with airless or air assist systems.

NOTES: _____

Water Base...

**Excellent
Protection...**



Pat Coat Dark Gray



Pat Coat Light Cream

Easy Clean-up..

**Airless Spray,
Roller or Brush
Application...**

**Excellent Protec-
tion Against Cor-
rosive Petroleum
Atmospheres or
Splash...**

Nonflammable...

Low VOC's...

UV Inhibited...

For All Surfaces...

Bronz-Glow Husky® 150 Primer (HLF-716)

For Industrial Use Only

DESCRIPTION:

Husky 150 Primer is a solvent base air dry acrylic primer specifically developed to increase adhesion of SPC (HLF-698) and the Tuff Coat (HLF-688) and Pat Coat (HLF-688-S) formulas to metals up to 400%. It can be sprayed, dipped or brushed and offers fast set-up time with a high coverage rate. Most commonly applied in one coat, only extreme corrosion and abrasion require a second or third coat eliminating extensive preparation for most applications. We recommend the use of 150 Primer on all metal surfaces, especially galvanized, to prevent peeling of the finish coat if it becomes damaged, reducing the amount of time to repair the damaged area. For best results apply finish coat over primed surface as soon as it is dry to the touch. 150 Primer is not recommended as a protective coating on its own.

BENEFITS:

When properly applied to metal substrates it:

- Improves coating adhesion on metal up to 400%.
- Aids in preventing peel back of damaged coating.
- Helps to reduce preparation time of substrate surface.
- Aids in formation of more uniform coating surface.

SPECIFICATIONS:

Solids: (wt) 16%

Viscosity range: 7,000—22,000 cps

Shelf life: 1 year @ 77°F

Recommended Film Thickness 0.5-1.0 mil dry

Coverage: 200-300 sq. ft./gal

Colors: Clear & Gray

Application Methods: Spray, Brush or Roll

Bronz-Glow's Husky® 250 Primer (HLF-131)

For Industrial Use Only

DESCRIPTION:

Husky 250 Primer is a solvent base air dry modified alkyd universal primer and barrier coat for use as a corrosion resistant primer on ferrous metal and as a barrier coat over solvent sensitive coatings. Typical uses of this high quality shop primer is for industrial and commercial applications to machinery, piping, structural steel, marine vessels, storage tank exteriors, and power plant equipment. It is also used over solvent sensitive coatings as a foundation for high performance topcoats. 250 Primer offers excellent protection against corrosion in exposures including mild industrial and marine environments. Exhibits good adhesion to properly prepared ferrous metals. When properly cured acts as a barrier coat to prevent lifting of solvent sensitive coatings by strong solvents in high performance finish coatings.

BENEFITS:

When properly applied to metal substrates it:

- Improves coating adhesion on ferrous metal.
- Aids in preventing peel back of damaged coating.
- Aids in formation of more uniform coating surface.
- Prevents peel-up of solvent sensitive coatings by strong solvents in finish coatings.

SPECIFICATIONS:

Solids: (wt) 58% ± 2.0%

V.O.C.: 4.5 lbs/gal. (Calculated)

Recommended Film Thickness: 0.5-1 mil dry

Coverage: 250-300 sq. ft./gal

Shelf life: 1 year @ 77°F

Dry time to touch: 15 minutes; recoat 1 hour.

Colors: Dark Red, Gray & White.

Application Methods: Spray, Brush & Roll

Bronz-Glow Husky® Coil Guard

Biodegradable Surfactant Cleaner

PRODUCT DESCRIPTION:

Husky Coil Guard is a highly concentrated balanced surfactant cleaner that removes dirt, grime, oil, insect residue, and airborne deposited corrosives without damaging the aluminum and copper coil. Coil Guard does not etch or attack the coil alloys or coating. A surfactant system cleaner that is safe and pleasant to apply as it does not burn or irritate the technicians skin. Formulated of deep penetrating surfactants it reduces the surface tension of the water allowing it to saturate the soil and then lift it from the surface of the coil when rinsed. Coil Guard is free rinsing and safe to put down the drain. It foams when applied to allow for greater vertical surface contact time. Coil Guard removes the "tough stuff" which deposits on condenser and evaporator coils from the air stream and leaves a clean coil surface which improves operating efficiency of the unit. Some studies have confirmed the simple act of properly cleaning a coil can improve heat transfer efficiency by as much as 15-20%. Efficient coil operation is an energy cost saver. It takes only a few ounces in a gallon of water to do the job on the dirtiest coil.

They'll Like It !

It's Pleasant to Use ! No Sting.



**We Provide The Concentrate..
You Provide The Water...**

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Bronz-Glow Husky® Coil Sheen

A Mineral Acid Coil Cleaner

PRODUCT DESCRIPTION:

Husky Coil Sheen is a highly concentrated industrial strength coil cleaner often used to clean uncoated coils. Its mineral acid formula prevents the harsh burning often found or associated with other acid cleaners. Coil Sheen is safe on aluminum, copper, brass, galvanized steel and stainless steel surfaces. Coil Sheen removes corrosion without removing the good metal from the surface. Coil Sheen is a concentrated liquid cleaner for periodic maintenance cleaning of surfaces which require removal of copper patina, white rust, and other oxides which form on the surface of the metals. It is also used in coastal areas to remove and neutralize the airborne sea salt which deposit on the surface of the condenser coil. Husky Coil Sheen is free rinsing and safe for the technician to use. Coil Sheen is not for the removal of oil, grease and dirt. A concentrated cleaner, it takes only a few ounces to a gallon of water to make it an effective economical coil cleaner.



**Both Husky Coil Guard & Coil Sheen
Are Packaged In One Gallon & 16 oz.
Poly-bottles. The Poly-bottle Is A
Perfect Mix For A 2½-3 Gallon Poly
Hand Pressurized Pump Sprayer...**