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PRODUCT DATA SHEET

Product Name: **ONE COAT™**
 Water Based Primer/Sealer/Finish

Manufacturer: NEW DIMENSIONS Solutions, LLC

DESCRIPTION AND USE:

ONE COAT™ is an aqueous emulsion of modified thermoplastic resins and their esters. It is ready to use and has an indefinite shelf life. The product has a gloss of 90 on the Gardner Scale, and it is also available in a (No Gloss) version to produce a satin/matte finish.

ONE COAT™ may be applied to a wide variety of materials and substrates to provide many years of superior economical protection from Sun, water and most chemical damage. It waterproofs and enhances the natural beauty of substrates and materials. For example, it should be used on masonry such as marble, terrazzo, concrete, granite, limestone, ceramic tile grout and worn ceramic tile and many others.

Plastics, vinyl, composite materials, metals such as brass, chrome, stainless steel, aluminum, asphalt and rubber are protected from environmental damage, reduced labor maintenance costs, and extended life when sealed with ONE COAT™. Previously sealed wood and other coated surfaces such as varnish, lacquer, epoxy, etc. which are in sound, acceptable looking appearance may be sealed with ONE COAT™. Doing this eliminates costly stripping and re-sealing procedures, and provides many years of lasting beautiful appearance. Clean sealed surfaces with just water eliminating the need for special cleaning products and the damage of repetitive cleaning.

The product provides extraordinary benefits when used as a PRIMER before painting, because one coat hides all, especially water stains and graffiti. It DRIES IN MINUTES to save costly labor time, and any type of paint will bond to it and keep its color integrity while using less paint to do so when painting. Example: use one coat of paint instead of using two coats of paint. Also, a less costly paint may be used as it is now protected from most environmental damage. In addition, ONE COAT™ should be used to protect the paint itself after it is dry (for the purpose of preventing the paint from fading, peeling, and cracking) by applying 2-3 coats on top of the new or old paint which is in sound condition. ONE COAT™ will bring out the faded/oxidized pigment in old paint on contact, and this restored look will remain for many years.

The product dries quickly, within minutes in many instances with moving air from a blower or a fan, and with good ventilation. The product should not be used on any surface, which will be under water such as swimming pools or the bottoms of boats, for example. ONE COAT™ "breathes" allowing moisture vapors to escape while locking out water. Saltwater has no affect on this product.

ONE COAT™ prevents damage to wall grout of all types by preventing discoloration, mold, mildew, algae, and thereby eliminates very costly maintenance. When used on new or shiny ceramic tile and grout, ONE COAT™ protects the grout from becoming uneven in appearance after numerous cleanings and from staining and water damage. It can be used inside or outside. It is stain resistant to urine, gasoline, oil, and acids such as foods and liquid spills. Its use cost is pennies per sq. ft. compared to \$\$\$ per sq. ft. for many other different types of coatings because of the very high spread rate of ONE COAT™ (which is up to 4000 sq.ft. per gallon depending upon the porosity of the sealed material).

Stainless steel, aluminum, brass, and other metals as well as vinyl benefit from the use of ONE COAT™ by eliminating the need for expensive cleaning chemicals, labor for frequent cleaning, damage to the materials by chemicals, and maintaining the natural appearance of these materials for years. This is because when these materials are sealed with ONE COAT™, one is now cleaning the sealer on the surface of the material and no longer the material itself. Very often, the cleaning is efficiently accomplished with just plain water! Doing so eliminates the film that cleaning chemicals leave on the sealer which appears to dull the high gloss. When a cleaning chemical is used to clean ONE COAT™, simply rinse or wash it off with clean water and you will see the high gloss of the primer/sealer/finish!

ONE COAT™ does NOT yellow, peel, flake, nor chip. It prevents rust and corrosion. Sealed materials/substrates will not change in color or appearance under the cured sealer. The product performance is proven by many years of industrial use, which includes many prestigious firms. Its chemical composition is unique and unavailable in other products!

Use ONE COAT™ on the following materials: Paint, other coatings, sealed wood, vinyl, composite materials, brick, concrete, granite, marble, terrazzo, slate, other masonry, metal, chrome, brass, steel, aluminum, plastic, rubber, grout and more.

PRODUCT APPLICATION:

Directions for use on old and new paints, wood, vinyl, metal, signs, wall coverings, furniture, masonry, and other smooth and rough materials, including over other coatings.

SMOOTH AREAS MAY HAVE BUMPS, GROOVES, INDENTATIONS, ETC. USE A QUALITY SPONGE MOP IF ALL THESE AREAS ARE SMOOTH. A FINE BRISTLED BRUSH CAN BE USED FOR HARD TO REACH AREAS. A urethane type sponge mop is available at hardware/paint/janitorial stores. This is a very soft sponge with no holes on top. It is very resistant to tearing and cracking. It is available with a wringer and on a pole. Use a smooth surface urethane type sponge material, which is commonly available at hardware, paint, and at janitorial supply stores. Pre-rinse the sponge and allow it to thoroughly dry before dipping it in ONE COAT™. Use a painters foam pad brush for applying ONE COAT™ to walls and for touch ups to any area. Rinse and allow the foam pad brush to dry out before use.

Keeping the sponge/pad resting in a quantity of WET ONE COAT™, as in the bottle/container, will prevent the sponge/pad from drying out while you are waiting for any single coat of ONE COAT™ to dry out thoroughly on the floor/wall. The sponge/pad will NOT dry out in wet ONE COAT™ as long as there is wet ONE COAT™ soaking the entire area of the sponge/pad! Wring out excess wet ONE COAT™ from the sponge/pad before applying the next coat so that the tool is damp with ONE COAT™, not dripping wet in ONE COAT™.

It is extremely important NOT to rub ONE COAT™ around on the wall with the tool! Simply move the tool across the area in one direction until you do not see any more wetness, then, rewet in ONE COAT™, and continue. Allow each coat to be thoroughly DRY TO THE TOUCH before applying the next coat. Manufacturers often add chemicals to these tools, which DO INTERFERE with the proper performance of ONE COAT™. It is possible to adversely disturb the previous applied coat with the next coat if you rub ONE COAT™ over it. DO NOT go "back and forth" with the tool!

Our glossy version of ONE COAT™ does not need shaking. The satin/matte finish version requires vigorous shaking in small containers. Use an electric drill to mix it in 5 Gallon pails for about 5 minutes. Test mixed material appearance after mixing by spreading it on a small inconspicuous area. The appearance should look dull.

USE ONE COAT™ AS A PRIMER ON WALLS AND ON ALL OBJECTS BEFORE APPLYING NEW PAINT TO PREVENT WATER DAMAGE TO THE PAINT FROM BELOW.

1. Pre-clean the surface, material, or substrate to remove soils or residues. This applies whether new or used. Allow cleaned area to dry. Use a fan indoors to speed drying.

ON SMOOTH AREAS:

2. For small areas, apply product directly to sponge mop and squeeze out excess into clean tray or bucket. For larger areas, pour product into tray or bucket. Dip sponge mop directly into product and squeeze out excess with handle. Sponge mop should be damp with product, not soaking, nor dripping.

3. Apply product dampened sponge mop directly to the paint/material to be sealed and draw the sponge across the surface. Treated area should look evenly wet. Do not rub the product on the area! Doing so can disturb the film, which forms quickly! Blend in any "runs" or "drips immediately. Continue applying the product until you cannot see enough wetness of the product on the surface. Dip the sponge mop back into the product, squeeze out excess product, and continue the application.

4. Start at the top of far end and move the wet sponge mop across from one end to the other. Then, repeat this technique until you have reached the bottom. Use sponge mop with or without pole for convenience.

5. When the first coat is DRY TO THE TOUCH (not sticky, nor tacky feeling), apply the second coat. Repeat this procedure for a 3rd coat, if needed. Pigment color, as well as the gloss will be further enhanced with a second and a third coat.

6. Allow 96 hours for the product to cure. This means that the non water elements will harden to allow water cleaning and normal use. Moving air is essential to the drying and curing process! Do not apply the product outdoors in dusty conditions nor if it is likely to rain within a few days!

7. Rinse the sponge mop in water to avoid it being sealed and ruined by the drying sealer after use.

ON ROUGH MATERIALS (brick, concrete):

1. Use an airless sprayer with 13" or 15" reversible tip at 300-500 psi. Or, use a clean brush.
2. Spray-mist the product over the area. Seeing the wetness of the product as applied is sufficient coverage for each coat.
3. When the first coat is "dry to the touch", repeat the procedure above to apply the second and third coats.

HOW MUCH OF ONE COAT™ DO I NEED?

1. Porous materials such as concrete, brick, blocks, stucco: You need to apply 4 coats. The approximate coverage is about 200 sq.ft. for all four coats. If you are using ONE COAT™ as a primer for ND GRAFFITI SHIELD™: In most cases you will need to apply 2 separate coats of ONE COAT™, with approximate coverage of about 330 sq.ft. per gallon for the two coats.
2. Semi-porous materials such as indoor/outdoor house paint, wood: You need to apply 4 coats. The approximate coverage is about 400 sq.ft. for all four coats. If you are using ONE COAT™ as a primer for ND GRAFFITI SHIELD™: In most cases you will need to apply 2 separate coats of ONE COAT™, with approximate coverage of about 660 sq.ft. per gallon for the two coats.
3. Non-porous materials such as metals, plastics, non-porous paint:
- You need to apply 2-3 coats. The approximate coverage is about 1000 sq.ft. for two coats, or 670 sq.ft. for all three coats. If you are using ONE COAT™ as a primer for ND GRAFFITI SHIELD™ you will need to apply 1 coat of ONE COAT™, with approximate coverage for this coat of about 2000 sq.ft. per gallon.

The best method to determine the spread rate for these products on your material is to pre-test them on a small inconspicuous area according to our Directions. Our estimates should not be relied on to be accurate for your application.

MAINTENANCE:

1. Clean cured treated areas with plain water, or a neutral cleaner. Use our New Dimensions DISAPPEAR™ Organic Graffiti/Adhesive Remover to clean graffiti, adhesives and decals. Rinse area with clean water after cleaning.
2. Reapply sealer to any needed area after graffiti, adhesive, decal cleaning.
3. Pressure washing will not affect our products! Do not use highly alkaline cleaning products! High gloss can be brightened-even years later, by burnishing area with a soft cloth, or simply reapply another coat of our product!

ONE COAT™ is safe and pleasant to use as directed! High spread rates of 2000 sq.ft.- 4000 sq.ft. per gallon depending on the substrate porosity insure economical use. It will not

yellow, peel, flake, chip, nor crack. Colors will not fade/oxidize. ONE COAT™ protects and restores old paint pigments and prevents new paints from fading. It also enhances the look on all applied paints/materials/substrates! There is no evidence of UV damage, water damage, environmental damage, nor rust/corrosion on paint, wood, metal, vinyl, plastic, all masonry in 9 years! They are stain resistant to many spills and normal soils including oil and gasoline.

Our sealers/finishes are unaffected by high heat, water, salt water, wind, rain, acids, and food liquid spills.

ONE COAT™ IS USEFUL ON THESE AND MANY OTHER SURFACES AND PRODUCTS:

Paint (under and over), line paint, previously sealed wood, worn ceramic tiles/grout, concrete, masonry, wallpaper, rubber tires, hoses, belts, and metal, brass, chrome, aluminum, plastics, stainless steel elevator doors, over any other coating in good condition to avoid costly stripping, computers, telephones, etc.

TECHNICAL DATA:

FORM: Milky White Liquid
Active Material (Solid) Content: 15%
Specific Gravity: 1.04
Weight per Gallon: 8.6 lbs.
Flash Point: NON COMBUSTIBLE
Carry Agent: Water
Shelf Life: Indefinite
Repellency Rating (ASTM C 67): EXCELLENT
Pencil Hardness (ASTM D 3363): 2H
Tukon Hardness (ASTM D 1474): 14
Flexibility (ASTM D 1737): 1/8" mandrels: 3
Adhesion: (ASTM D 3359): FAIR-GOOD
Ionic Charge: Anionic
Thermal Shock: (ASTM D 1211): 3 cycles
SKID RESISTANCE: (ASTM C 1028) DRY: COF =.81, WET: COF = .77
HEAT RESISTANCE: No affect up to 600 degrees F
Gloss: 90
VOC: 24.7 gram/liter
Exterior/Interior Durability: EXCELLENT
ODOR: Extremely Mild
CURE TIME: 96 HOURS

BENEFITS IN SUMMARY:

Prevents discoloration and deterioration
Prevents oxidation, rust and corrosion, mold, mildew and UV damage
Waterproofs
Breathes
Resists damage from salt water

Buffable

Does not require stripping

Penetrates into porous surfaces

Gloss and Protection endures for years

Satin/Matte finish to HIGH GLOSS

Prevents common types of damage to grout

Resists staining from water, oils, gasoline, acids, grease, dirt, salt water, food and beverage spills including alcohol, acids, and uric acid when cured

Reduces labor costs associated with cleaning hard to clean surfaces and prevents surface damage

Revitalizes old faded surfaces

Recommended for sealed wood, under and over any paint, masonry, metals, plastics, etc.

New applications blend into old applications

Does not yellow, peel, flake, crack, nor chip

Guaranteed 5 years on walls or on any object with proper application and maintenance

Benefits last for YEARS

ONE COAT™ is but one of our many fine and exclusive products that we have been successfully marketing to industry since 1986. It is specifically designed to solve problems for which solutions are difficult or impossible to find.

ONE COAT™ is guaranteed to function according to all its features and benefits for 5 years when properly applied and maintained as directed. We encourage all to thoroughly test and evaluate this product, and our other fine products, for suitability of purpose and function.

04/09