

PROTECTA^{Clear}[®]

Keep Metal Looking Its Best!

Specifications

DESCRIPTION

ProtectaClear[®] is a single pack, solvent based, clear, protective coating that provides long term protection on metal with resins that are highly resistant to salts and chlorines. ProtectaClear[®] reduces maintenance and cleaning, resists dirt, water, mildew and algae. ProtectaClear[®] also reduces fingerprints and smudges on polished metals. ProtectaClear[®] will not chalk, crack, or peel when properly applied, and will never yellow or discolor from exposure.

- One Part Coating – No mixing & no waste.
- Will not hide the natural beauty of the metal.
- Formulated for use on non-painted or plated metals: Copper, Brass, Silver, Stainless Steel, Anodized Aluminum, Bronze, Polished Aluminum, and more.
- UV stable so it will remain crystal clear.
- Extremely durable, scratch and abrasion resistant.
- Pencil Hardness Test – H8
- Protects metal from rust, corrosion, oxidation, tarnish, fading, salt water, salt air, chlorine, acid rain, bleach, bird droppings, mildew, etc.
- Use for interior or exterior metal.
- Will bond to itself – No stripping, sanding or priming needed to apply or reapply and can be maintained indefinitely.
- Prevents harmful electrolysis.
- The dry, cured film is non-toxic and is food safe.
- Easy to apply – self leveling – easily recoated.
- Dries quickly, 15 - 45 minutes depending on temperature.
- Indefinite shelf life in closed container.
- Environmentally friendly.
- California VOC compliant version available.
- No carcinogens (no Prop 65 warning necessary)

Properties

PROPERTIES	METHOD	UNITS	SPECIFICATION
Appearance	D4176	-	Clear & Free From Impurities (<i>colorless liquid</i>)
Color	D156 D1209	Saybolt PT-Co	N/A
Odor	-	-	AROMATIC
Density @ 20°C	D1298	lb./gal	7.8
Boiling Point	D86	-	182°C
Melting Point	-	-	<450°F
Flash Point	-	-	155°F TCC
Dielectric	D877	kV	38.1
Vapor Pressure	¹	mm Hg	5 @ 40°C
Vapor Density		-	>Air
Aniline Point	D611	-	< -3°C
Solubility in Water	-	-	Insoluble
Viscosity	-	-	22sec. Zahn #2
V.O.C.	-	g/L	788 g/L 119 g/L formula available
Kauri Butanol	D1133	-	60

1. Head Space Gas Chromatography
2. Methods - ASTM

Packaging/Sizes

SIZES:

ProtectaClear[®]: is available in: 1 oz, 4 oz, Pint, Quart, 1 Gallon, 5 Gallon.

COVERAGE:

(on polished metal)

1 oz. can - approx. 4-5 sq. ft.
4 oz. can - approx. 25 sq. ft.
Pint - approx. 125 sq. ft.
Quart - approx. 250 sq. ft.
1 Gallon - approx. 1000 sq. ft.
5 Gallon - approx. 5000 sq. ft.

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Application Data

SURFACE PREPARATION

The substrate must be completely clean and free of oxides, wax, silicone, grease, etc. For tarnished or oxidized metal, clean and polish metal. If acids are used, surface MUST be neutralized. Use EZ-Prep Cleaner & Neutralizer mixed 1:8 with water. Baking soda or calcium carbonate and water can also be used. Wash with the neutralizing solution, rinse & dry the metal. Solvent wipe to ensure a clean surface for good adhesion. Apply ProtectaClear[®] & let it dry. ProtectaClear[®] will self-level as it dries. For new metal or metal with patina, solvent wipe & apply ProtectaClear[®]. The solvent will not change the level of tarnish or patina.

APPLICATION

Apply a single coat that thoroughly wets the surface. Allow to dry. No buffing or polishing required. Apply ProtectaClear[®] with a sprayer, high-density foam roller, sponge brush or applicator or clean, white, lint-free cloth pad. Dries to touch in 15-45 minutes depending on temperature. If necessary, ProtectaClear[®] can be removed with xylene. ProtectaClear[®] is self annealing and will bond to itself. If an area is missed, let the ProtectaClear[®] dry, then apply over the missed area. Most applications require more than one coat; porous metals like raw steel will require 3 to 4 coats. Additional coats can be applied after the preceding coat is dry (minimum 1 hour.) To re-coat an aging ProtectaClear[®] coated surface, clean thoroughly with soap and water, rinse thoroughly, allow to dry completely and re-apply or remove the coating with solvent and re-apply. ProtectaClear[™] is self-annealing. No priming or sanding is necessary. ***Not recommended for use on soft plastic, soft vinyl or rubber. Do not use Styrofoam applicator or accessories while applying ProtectaClear. It is recommended to test a small area first.*

AFTER CARE

Do NOT Use cleaners with solvents or alcohols to clean the coated surface. Suggested cleaners: Mild soap & water or similar.

Health & Safety

CAUTION

Combustible liquid. Provide adequate ventilation & remove all sources of ignition or sparks. Material does not sustain combustion. Do not smoke or use near flame. Avoid continuous breathing vapor or spray mist. Wear personal protection, chemical resistant gloves, protective eye wear. When spraying, wear NIOSH approved respiratory mask. Avoid prolonged contact with skin. Store in cool, dry place. DANGER: HARMFUL OR FATAL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN.

FIRST AID

In case of eye contact, flush thoroughly with plenty of water for 15 minutes and get medical attention. For skin contact, wash with soap and water. In case of respiratory difficulty, provide fresh air and call a physician. Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with damage to health. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Read all directions and cautions on SDS.

DISPOSABLE PROCEDURES

Disposal should be in accordance with local, regional or national regulations. Contaminated waste and packaging should be destroyed by incineration at an approved incinerator. If recovery of contaminated product is not possible, it should be destroyed by incineration.

Shipping & Handling

SHIPPING NAME:US DOT – Not Regulated.
Hazard Class.....N/A
Identification NumberN/A
Packing Group.....N/A

Labels Required: COMBUSTIBLE LIQUID, regulated under AS1940 for Bulk Storage purposes only.

HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:UN, IATA, IMDG

WARRANTY: The statements made herein, on labels, product bulletins, or by any of Everbrite Coatings', Inc. employees or agents concerning this product are given for general information only. Due to variables beyond Everbrite's control in application, surface preparation, surface temperature, humidity and other variable factors Everbrite assumes no liability for any claim that may arise out of the use of its products and disclaims any warranty expressed or implied relating to the storage, application, thinning, merchantability, Buyer's assumption of performance, and the fitness for a particular purpose. Receipt of products from Everbrite or its agents constitutes acceptance of the terms of this warranty. In the event that Everbrite finds that the product delivered is not of Everbrite's standard quality, Everbrite will at its sole discretion, either replace the product or refund the purchase price. Everbrite's choice of one of these remedies shall be the Buyer's sole remedy. Everbrite will under no circumstances be liable for consequential damages, except insofar as liability is mandated by law. Everbrite will deliver products at agreed times insofar as it is reasonably able to do so, but it will not be liable for failure to deliver on time when the failure is beyond its reasonable control.

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