



**IMA - 711**  
**COROPOXY®**  
**WB Amine Adduct**  
**142 Line**  
**Rev. 06/09**

**Coronado Industrial Coatings - 308 Old County Road · Edgewater, Florida 32132 · 800-883-4193 · FAX 800-394-9022**

**COROPOXY® WB Amine Adduct**  
**142 Line**

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Amine Adduct Epoxy	Gloss	375 to 475 Sq. Ft. Per Gallon*	Airless, Air Spray, Brush or Roll	Water	Water
<b>Touch Dry Time:</b>	4 Hr. @55°F 2 Hrs. @77°F 1 Hr. @100°F	<b>Min Recoat:</b>	12 Hrs. @55°F 6 Hrs. @77°F 3 Hrs. @100°F	<b>Max Recoat :</b>	144 Hrs. @55°F 72 Hrs. @77°F 36 Hrs. Days @100°F

<b>PRODUCT NAME:</b> 142 Line COROPOXY® WB Amine Adduct	COROPOXY® WB Amine Adduct provides superior chemical, abrasion and impact resistance when compared to conventional waterborne epoxies. The highly cross-linked film provides years of service in industrial and commercial applications. The waterborne formulation produces lower odor than solvent based epoxies, so this product may be applied in occupied areas, and is more environmentally and user friendly. Additionally, this product may be applied to most generic coating types without the fear of lifting or wrinkling. <b>This is a two component product that requires 7 parts of the proper "A" or Base Component mixed with 1 part of the proper "B" or Converter Component. Do Not Mix Partial Kits.</b>	
<b>WHERE TO USE:</b>	<b>Properly prepared and/or primed steel, iron, concrete, non-ferrous metals, wood</b>	COROPOXY® WB Amine Adduct is designed for use in food and beverage processing, chemical processing, transportation, warehouses, industrial refurbishment, healthcare, schools, large commercial structures, industrial and commercial flooring, and other areas where a performance epoxy is needed without the odor concerns that accompany conventional solvent thinned epoxies. COROPOXY® WB Amine Adduct will amber and chalk if exposed to ultraviolet light.
<b>SURFACE PREPARATION:</b>	The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods. Solvent washing in accordance with SSPC-SP1 will best accomplish this task.  <b>STEEL:</b> The use of a primer is recommended. See specific surface preparation methods on primer data sheets. <b>CONCRETE:</b> Must have form/release agents removed by pressure washing or other suitable methods. Acid etching or abrasive blasting may be required to properly open the surface. If applying direct to concrete, thin up to 25% with water. <b>NON-FERROUS METALS:</b> Solvent Wash (SSPC-SP1) as indicated above. Rusted areas on galvanized should be removed by Hand Tool Cleaning (SSPC-SP2) or Power Tool Cleaning (SSPC-SP3). Non-Ferrous metals should be primed for best results, or product may be applied direct. <b>WOOD:</b> Sand to remove any mill glaze and loose wood fibers. Thin product up to 20% on first coat.  Please consult Technical Service for other surface preparations or for use in severe environments.	
<b>APPLICATION:</b>	Mix each individual component thoroughly prior to inter-mixing the two. "A" and "B" must be combined together (7:1 ratio) and thoroughly mixed and then allowed to induct for a period of 45 minutes. This induction time is critical and should be the same for all kits. The use of a drill mixer at low speed will best accomplish this task. <b>Do not mix partial containers. Do not mix more material than can be used in 5 hours.</b> Thin with Water ONLY. SEE THINNING INSTRUCTIONS ON PAGE THREE. <b>Airless Spray:</b> Tip range between 15 and 19 thousandths. Total fluid output pressure at tip should not be less than 2100 psi. <b>Air Spray (Pressure Pot):</b> DeVilbiss MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.  <b>NOTE:</b> Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner.  <b>Brush:</b> Synthetic <b>Roller:</b> Short Nap Mohair  <b>NOTE:</b> If more than 72 hours (@77°F) elapses between coats, sand the film to provide sufficient profile. Recommended application temperatures are between 55 and 90°F.	

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<b>*NOTE ON SPREAD RATE:</b>	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.
<b>STORAGE:</b>	24 months at 77°F in original unopened container. Prolonged storage at higher temperatures can shorten the shelf life. Store in dry, shaded area, away from heat and ignition sources. Protect from frost.
<b>TINTABILITY:</b>	COROPOXY® WB Amine Adduct is available in a white base only to be tinted with no more than 4 ounces of 896 WB Industrial Colorant. DO NOT USE COLORANTS OTHER THAN THE 896 SYSTEM. DO NOT USE MORE THAN 4 OUNCES PER GALLON IN THE WHITE BASE. Special colors are available in minimum batch size quantities. A clear coat (142-10) is also available.
<b>RESIN TYPE:</b>	Amine Adduct Epoxy
<b>VOLUME SOLIDS (Mixed):</b>	38.8 ± 1.0% (Colors)      30.4 ± 1.0% (Clear)
<b>WEIGHT PER GALLON (Mixed):</b>	10.8 lbs. (Colors)      8.66 (Clear)
<b>MIX RATIO:</b>	7:1
<b>INDUCTION TIME:</b>	45 Min. @ 77°F
<b>POT LIFE:</b>	12 hrs. @ 55°F / 6 hrs. @ 77°F / 3 hrs. @ 100°F
<b>FLASH POINT:</b>	150°F. (TT-P-141, Method 4293)
<b>SPECULAR GLOSS:</b>	80+ units @ 60°
<b>WET FILM THICKNESS:</b>	3.4 to 4.3 mils
<b>DRY FILM THICKNESS:</b>	1.3 to 1.7 mils (1.0 to 1.3 mils Clear)
<b>VOC/VOS STATEMENT (142-1A / 142-250B Mixed):</b>	This mixed product contains a maximum of 340 grams VOC / VOS per liter of coating. (2.8 Pounds Per Gallon)
<b>OTC CATEGORY:</b>	This product is compliant under the Ozone Transport Commission regulations as an Industrial Maintenance Coating.
<b>CAUTIONS:</b> (142-1A / 142-250B Mixed)	<p style="text-align: center;"><b>WARNING!</b></p> <p style="text-align: center;">VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED.</p> <p><b>Contains: Polyamine Adduct and Glycol Ethers, which may cause red blood cell damage, based on animal data.</b> Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. May cause allergic skin and respiratory reaction. Can be absorbed through skin. Harmful if swallowed. <b>NOTICE:</b> Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks and flame. Vapors may cause flash fire. Close container after each use. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.</p> <p><b>Use only with adequate ventilation.</b> Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.</p> <p><b>First Aid:</b> In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Destroy contaminated shoes. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Call physician immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p style="text-align: center;"><b>Obtain and read the MSDS prior to using this product.</b></p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN</b></p> <p style="text-align: center;"><b>FOR INDUSTRIAL USE ONLY</b></p> <p style="text-align: center;"><b>KEEP FROM FREEZING</b></p>

**TEST DATA**

<b>Salt Spray (ASTM B117)</b> 2 coats over 180-11 primer (1000 Hours)	Face Corrosion-None Face Blistering-None Rating-9, Rust-0.05%
<b>Humidity (ASTM D4585)</b> (Same system as above 1000 Hours)	Face Corrosion-None Face Blistering-None Rating-10, Rust-0.00%
<b>Adhesion (ASTM D3359)</b>	5B
<b>Steam Resistant</b>	Yes
<b>Dry Heat Resistance</b>	250°F
<b>Wet Heat Resistance</b>	180°F
<b>Flexibility (ASTM D1737)</b>	Pass 3/16" Mandrel
<b>Abrasion Resistance (ASTM D4060) CS-10 Wheel, 1000g load</b>	90 mg loss after 1000 cycles
<b>Accelerated Weathering (ASTM G53)</b>	500 hours, no change
<b>Sag (ASTM D4400)</b>	8 mils +

**CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)**

<b>Fresh Water</b>	Excellent
<b>Salt Water</b>	Excellent
<b>Waste Water</b>	Excellent
<b>Acids</b>	Excellent
<b>Alkalis</b>	Good
<b>Solvents</b>	Good
<b>Fuel</b>	Good
<b>Acidic Salt Solutions</b>	Excellent
<b>Alkaline Salt Solutions</b>	Good
<b>Neutral Salt Solutions</b>	Excellent

**QUALIFICATIONS**

Meets MPI #93 Epoxy Floor Paint, WB
Meets MPI #115 Water Based Epoxy
Meets FDA Qualifications for Direct Dry Food Contact
Meets USDA Qualifications for Incidental Food Contact

**SYSTEMS RECOMMENDATIONS  
COMPATIBLE PRIMERS & INTERMEDIATES**

PRIMERS: 1201 Line, 1147 Line, 820 Line, 317-200, 113 Line, 101-10, 1433-10, 1447-10, 3835-145, 3803-692, 954-11, 180-11, 36-11, M35 Line
INTERMEDIATES: 111-111, 113 Line, 3821-111
For primers / intermediates other than listed above, or for usage in severe environmental conditions, please consult with Coronado Industrial Coatings technical service.

**WARRANTY**

Coronado Paint Company warrants its products to be free from defects in materials and workmanship. Coronado Paint Company's sole obligation and the purchaser's exclusive remedy shall be limited, at Coronado Paint Company's option, to either replacement of nonconforming products or credit to the purchaser's account in an amount not greater than the original purchase price of the nonconforming products. Any claim under this warranty must be made by the purchaser, in writing to Coronado Paint Company, within ten (10) days of the purchaser's discovery of the claimed defect, but not later than the expiration of the applicable shelf life, or one year from the original delivery date, whichever is earlier. Purchaser's failure to notify Coronado Paint Company of any nonconformance as required shall bar the purchaser from recovery under this warranty.

Coronado Paint Company makes no other warranties, expressed or implied, such as merchantability or fitness for a particular purpose concerning its products. In no event shall Coronado Paint Company be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the usage of products made by Coronado Paint Company, whether in the form of literature, data, or in response to specific inquiry, or otherwise is based upon information believed to be reliable; however the products and information are intended for use by skilled and knowledgeable purchasers, and is therefore for the purchaser to satisfy itself of the suitability of the products for its own specific use, and it shall be deemed that the purchaser has done so, at the sole discretion and risk. Variation in application conditions, ambient conditions or extrapolation of information may cause unsatisfactory results.

**LIMITATION OF LIABILITY**

Coronado Paint Company's liability on any claim, including claims based upon negligence, or strict liability for loss, or damage arising out of, connected with, or resulting from the use of products, shall in no case exceed the purchase price of the products directly giving rise to the claim. In no event shall Coronado Paint Company be liable for consequential or incidental damages.

**THINNING RECOMMENDATIONS:**

Do not thin more than 25%.
Thin ONLY with Water.

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