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GarageGuard® Water Based Epoxy

EGG-XXX Series

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Amine Adduct Epoxy	Semi-Gloss	350 to 400 Sq. Ft. Per Gallon*	Airless, Air Spray, Brush or Roll	Water	Water
Touch Dry Time:		Min Recoat:		Max Recoat :	
4 Hr. @55°F		48 Hrs. @55°F		72 Hrs. @55°F	
2 Hrs. @77°F		24 Hrs. @77°F		48 Hrs. @77°F	
1 Hr. @100°F		18 Hrs. @100°F		24 Hrs. @100°F	

PRODUCT NAME: EGG-XXX Series GarageGuard® Water Based Epoxy	<p>GarageGuard® Water Based Epoxy is a new generation water-based catalyzed epoxy which offers performance equal to traditional solvent based epoxy systems. It 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. GarageGuard® Water Based Epoxy 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. USDA Approved for food contact.</p> <p>This is a two component product with a mix ratio of 3:1. It requires 3 parts of the proper "A" or Base Component (underfilled gallon can) mixed with 1 part of the proper "B" or Converter Component (quart). Do Not Mix Partial Kits.</p>
WHERE TO USE:	<p>Properly GarageGuard® Water Based Epoxy is designed for use on basement floors, garage floors and other concrete surfaces. Ideal for use in food and beverage 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. GarageGuard® will amber and chalk if exposed to ultraviolet light.</p>
SURFACE PREPARATION:	<p>Sweep all dirt and trash from the surface. Scrub floor with a stiff brush and strong detergent solution to remove all dirt, grease, oil and other contaminants. Scrub grease and oil spots with a degreaser or mineral spirits. Scrub the floor a section at a time (10' by 10') and thoroughly rinse each section before moving on. Once the entire floor is clean, rinse the floor thoroughly with clean water and allow to dry completely. Use a squeegee, if necessary, to remove ponded water.</p> <p>Previously Painted Floor: Loose or damage concrete and cracks must be filled with a suitable concrete based patching material. Remove all loose materials and dust. Remove loose or peeling paint by sanding and scraping. Feather the edges to attain a smooth look to the finish coat. Test the remaining paint for adhesion. Cut an X in the paint with a single edge razor blade. Apply duct tape firmly to the floor directly over the X. Remove the duct tape with one quick pull. If more than 25% of the paint at the X is removed, do not apply GarageGuard until all existing paint is removed. Do not use muriatic acid on a painted floor.</p> <p>Floor Never Painted: Allow new concrete to cure for a minimum of 30 days. Loose or damage concrete and cracks must be filled with a suitable concrete based patching material. Be sure to smooth the patch completely. Allow to dry in accordance with the manufacturer's instructions. Remove all loose materials and dust. Remove loose or peeling paint by sanding and scraping. Feather the edges to attain a smooth look to the finish coat. All bare concrete floors need to be acid etched with a 10% muriatic acid solution to open and roughen the surface enough to assure good adhesion and to neutralize the alkali salts. Follow the manufacturer's instructions and safety precautions. Be sure to protect your eyes (goggles) and skin (rubber gloves and boots) while preparing or using the muriatic acid solution. Thoroughly rinse the floor with clean water and allow to dry thoroughly (at least 24 hours). Check for dryness by using the moisture test explained above. The floor should have a roughened feel of about 180 grit sandpaper.</p> <p>Please consult Technical Service for other surface preparations or for use in severe environments.</p>
SPECIAL NOTE:	<p>All glossy surfaces can be slippery. Where non skid properties are required a non skid additive such as Insl-x GX-1000 should be used.</p> <p>All epoxy coatings will chalk and fade if applied on exterior surfaces subjected to direct sunlight. Under certain environmental conditions, epoxy coatings will yellow. They can also stain with prolonged exposure to brake fluid. This staining will not affect the durability or protective qualities of the coating. GarageGuard® will not cure at surface temperatures below 50°F. Not recommended for use in immersion service or acidic exposures.</p>
APPLICATION:	<p>Mix each individual component thoroughly prior to inter-mixing the two. "A" and "B" must be combined together (3:1 ratio) and thoroughly mixed and then allowed to induct for a period of 30 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.</p>

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	<p>Do not mix partial containers. Do not mix more material than can be used in 4-6 hours. Thin with Water ONLY. Do not exceed 10% reduction. Airless Spray: Tip range 15 - 19 thousandths. Total fluid output pressure at tip should not be less than 2100 psi. Air Spray (Pressure Pot): DeVilbiss MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E. NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. Brush: Synthetic Roller: ¼" – ½" Nap Synthetic roller cover. Keep roller wet and roll in one direction. Rewet and cross roll. NOTE: If more than 48 hours (@77°F) elapses between coats, sand the film to provide sufficient profile. Recommended application temperatures are between 55 and 90°F. Do not paint if surface temperature is within 5° F of the dew point.</p>
*NOTE ON SPREAD RATE:	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.
STORAGE:	Minimum 12 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.
TINTABILITY:	GarageGuard® Water Based Epoxy is available in Showroom Gray, Desert Sand and two Tint Bases. Bases can be tinted with 888 Universal (glycol based) colorants only.
RESIN TYPE:	Amine Adduct Epoxy
VOLUME SOLIDS:	50.5 ± 1.0% Mixed (Varies by color and base)
WT. PER GALLON:	11.0 lbs. Mixed
MIX RATIO:	3:1
INDUCTION TIME:	30 Min. @ 77°F
POT LIFE:	8 hrs. @ 55°F / 4 hrs. @ 77°F / 2 hrs. @100°F
FLASH POINT:	200°F. or greater (TT-P-141, Method 4293)
GLOSS:	35 - 55 units @ 60°
WET FILM THICKNESS:	4.0 to 4.6 mils
DRY FILM THICKNESS:	2.0 to 2.3 mils
VOC/VOS STATEMENT:	This mixed product contains a maximum of 250 grams VOC / VOS per liter of coating. (2.08 Pounds Per Gallon)
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as an Industrial Maintenance Coating.
CAUTIONS: (After Catalyzed)	<p style="text-align: center;">WARNING! VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. WARNING! HARMFUL IF INHALED. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE.</p> <p>Contains: Polyamine Adduct and Glycol Ethers, which may cause red blood cell damage, based on animal data. 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. NOTICE: 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>Use only with adequate ventilation. 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>First Aid: 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>Warning: This product contains chemicals known to the state of California to cause cancer and birth defects, or other reproductive harm.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product. KEEP OUT OF REACH OF CHILDREN FOR INDUSTRIAL USE ONLY KEEP FROM FREEZING</p>

