



EPOXYARMOR HIGH PERFORMANCE CLEAR TOP COAT INSTRUCTIONS

EPOXYARMOR is a unique high performance, two-component, high solids, low V.O.C. epoxy siloxane floor coating that provides superior resistance against abrasion, chemicals, corrosion, UV exposure and weathering. EPOXYARMOR is isocyanate free and provides the benefits of high performance epoxy and polyurethane in one coating.

FOR INTERIOR & EXTERIOR USE

PLEASE READ AND FOLLOW DIRECTIONS CAREFULLY AND COMPLETELY. READ PRODUCT DATA SHEET LOCATED AT EPOXYMASTER.COM FOR ADDITIONAL INFORMATION.

SURFACE PREPARATION: The substrate must be clean, dry and sound with new concrete cured for at least 28 days. Surface must be free of dirt, dust, grease, oil and other foreign materials. A suitable moisture barrier must be in place for concrete slabs on-grade. If a moisture barrier is not in place, seasonal variations in ground moisture can cause excessive hydrostatic pressure regardless of results measured prior to coating application.

FOR ADDITIONAL INFORMATION, SEE PRODUCT DATA SHEET AND SAFETY DATA SHEET LOCATED AT EPOXYMASTER.COM PRIOR TO MIXING AND APPLYING

APPLICATION TEMPERATURE: Apply when air (ambient) temperature is 45°-95°F (7°-35°C) and relative humidity is between 25-90%. Minimum floor temperature for coating application is 45°F (7°C). Surface temperatures must be at least 5°F (-15°C) above dew point to prevent condensation blushing.

MIXING: EPOXYARMOR has a two parts B Base to one part A Activator mix ratio. Mix with a low speed mechanical mixer for 3-5 minutes. Mix until the product is thoroughly mixed and looks consistent. There is no induction time required and material can be used immediately.

POT LIFE: At 77°F (25°C) and 50% R.H., EPOXYARMOR has a pot life of 60 minutes. Mixing larger quantities or at higher temperatures will result in a shorter pot life. After mixing, pour coating out and spread material as quickly as possible, to maximize working time. Do not use product if material in mixing container becomes warm. Do not place mixing container upside down on the floor to drain out left over product; this could leave unmixed product on the floor, which will not cure.

COVERAGE: 4-7 mils (210-400ft²/gal)

DRYING TIME*: At 77°F (25°C) and 50% R.H.

Light foot traffic – 12-16 hours; Heavy traffic – 24 hours; Full cure – 3 days.

**Drying time is determined by ambient temperature and humidity. Refer to PDS for details.*

RECOATING*: Minimum recoat time is 5 hours and maximum recoat time is 12 hours. If coating has cured over 12 hours, mechanically abrade surface before coating.

**Recoating time is determined by ambient temperature. Refer to PDS for details.*

APPLICATION: The mixed material can be applied using a high-quality synthetic brush or a 9" or 18", 3/16" nap, woven, shed-resistant roller. Apply when air (ambient) temperature is 45°-95°F (7°-35°C) and relative humidity is between 25-90%. Applying outside of this range can result in inconsistent film gloss and outgassing. Only mix enough material that can be used within the recommended pot life. Always maintain a wet edge when rolling to avoid roller marks. When coating in higher temperatures or in direct sunlight, be careful to prevent any roller line marks. Do not over roll or roll back into coating that has begun to tack up, this could trap air into film or cause roller marks.

SAFETY AND CLEANUP INSTRUCTIONS: Wear protective gloves, clothing and safety glasses during use. Read SDS for all other safety information. Clean application tools immediately using acetone, xylene or MEK. Follow solvent manufacturer's safety instructions.

DISPOSAL: Allow product to fully cure then throw away. Containers to be thrown out must be disposed of in accordance with federal, state and local regulations.

CAUTION: AMINOPROPYLTRIETHOXYSILANE (PART B - BASE). DANGER Harmful if swallowed. Causes severe skin burns and eye damage. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only with adequate ventilation. To avoid over exposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respirator protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Use protective gloves and wash hands after use.

CAUTION: EPOXY RESIN (PART A - ACTIVATOR). Use only with adequate ventilation. To avoid overexposure, open windows and doors or other means to ensure fresh air entry during application or wear respirator protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Use protective gloves and wash hands after use.

FIRST AID: EYE CONTACT: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention. **SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persists. **INHALATION:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. **INGESTION:** If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. DO NOT TAKE INTERNALLY.
KEEP OUT OF REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY**

PART B - BASE:

CAS#	INGREDIENTS:
919-3-2	3 – Aminopropyltriethoxysilane

HMIS: Health – 3, Flammability – 2, Reactivity – 1, (0 – Minimal, 4 – Severe Hazard)

VOC: <100 g/L (0.83 lbs. /gal.) when mixed

PART A - ACTIVATOR:

CAS#	INGREDIENTS:
80-04-6	4,4' – Isopropylidenedicyclohexanol
15625-89-5	Trimethylolpropane triacrylate

HMIS: Health – 2, Flammability – 1, Reactivity – 1, (0 – Minimal, 4 – Severe Hazard)

VOC: <100 g/L (0.83 lbs. /gal.) when mixed



For more information on EpoxyMaster products please visit:

www.epoxymaster.com

EpoxyMaster · 755 W. Big Beaver Rd., Suite 2020 · Troy, MI 48084-4726 · (888) 376-9954

© 2015 EpoxyMaster