

ARMAPGAL

ARMOPOXY GALLONS FLEXIBLE URETHANE COATING GLOSS

PRODUCT DESCRIPTION

Armorpoxy Gloss Gallons is a heavy-duty alkyd enamel intended for use on a wide variety of surfaces, both interior and exterior. The surface tolerant formula sticks to surfaces that may be marginally prepared, and the exceptional flow and leveling provides a smooth, uniform finish. Made with our toughest alkyd resin, this paint stands up to mechanical and human abuse, while the urethane fortification adds gloss and color retention in exterior spaces exposed to sunlight and rain.

RECOMMENDED FOR: Interior and exterior coating on a wide variety of surfaces, such as previously painted surfaces, ferrous metal, concrete, and drywall. This product is not recommended for direct application to non-ferrous metals such as galvanized metal or aluminum unless primed with Acrylic Metal Primer.

CHEMICAL AND PHYSICAL ANALYSIS

SHELF LIFE	12 MONTHS
MIX RATIO	1 PART
POT LIFE	MOISTURE CURING
SOLIDS BY VOLUME	53%
PACKAGING	1 GAL A
COLORS	SEE COLOR CHART
RECOMMENDED THICKNESS	2-4 MILS PER COAT
COVERAGE	350-450 SF PER GALLON @ 4 MILS
CURE SCHEDULE	-
TO TOUCH	2 HOURS
RECOAT TIME	12 HOURS
FULL CURE	4-6 DAYS
VISCOSITY	80-85 KU
GLOOS/SHEEN	GLOSS (85 @ 60 DEG F)
SURFACE TEMP APPLICATION	50-100 DEG F
CLEAN UP	MINERAL SPIRITS
WEIGH PER GAL	9.4 LBS
VOLATILE ORGANIC COMPOUND (VOC)	396 G/L
FLEXIBILITY (ASTM D1737)	PASS 1/4" (6.35 MM) MANDREL
DRY HEAT RESISTANCE	275 °F (135 °C)
WET HEAT RESISTANCE	150 °F (65.5 °C)
ADHESION (ASTM D3359)	PASS 5B
SALT FOG RESISTANCE (ASTM B117)	500 HOURS-PASS
ACCELERATED WEATHER (ASTM G53)	70% RETENTION AFTER 500 HRS.
ABRASION RESISTANCE (ASTM D4060)	120 MG LOSS AFTER 1000 CYCLES
CS10 WHEEL	

CURE SCHEDULE TIMES ARE APPROXIMATE AND WILL BE AFFECTED BY TEMPERATURE CONDITIONS AND RELATIVE HUMIDITY

FEATURES

Urethane modification for maximum durability // Easy application // For use on most surfaces // Hard, scratch- and impact-resistant coating // High-solids formula

COMPOSITION

High solids alkyd urethane

PACKAGING

Sold in 1 Gal units

LIMITATIONS

- Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C). Relative humidity should be below 90%.
- Do not apply directly to galvanized metal.
- Not for immersion service.
- DO NOT topcoat with products such as epoxies or urethanes containing aromatic or oxygenated solvents.

CERTIFICATIONS & QUALIFICATIONS

THE PRODUCTS SUPPORTED BY THIS DATA SHEET CONTAIN A MAXIMUM OF 400 GRAMS PER LITER, EXCLUDING WATER & EXEMPT SOLVENTS.	VOC REGION	COMPLIANT
	FEDERAL	YES
	OTC	YES
	OTCII	NO
	CARB	YES
	CARB07	NO
	CARB19	NO
	UTAH	NO
	AZMC	NO
	SCAQMD	NO
	MPI	9, 48



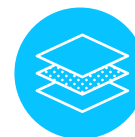
Fast Drying



2x Coat Minimum



Scratch Resistant



Compatible with over 10 different substrates



Super Durable



Indoor and Outdoor Coating



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Armopoxy Gallons Flexible Urethane Coating Gloss

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE APPLICATION BEGINS.

SURFACE PREPARATION

THE PERFORMANCE OF THIS PRODUCT IS DIRECTLY DEPENDENT UPON THE DEGREE OF SURFACE PREPARATION EMPLOYED. ALL GREASE OIL, DIRT, MILDEW, OR ANY OTHER SURFACE CONTAMINANTS MUST BE REMOVED USING ARMORPOXY OIL & GREASE EMULSIFIER.

- FERROUS METAL: ALL RUST AND MILL SCALE SHOULD BE REMOVED PRIOR TO APPLICATION OF THIS PRODUCT. THIS IS BEST ACCOMPLISHED BY ABRASIVE BLASTING. A MINIMUM OF SSPC-SP 6 COMMERCIAL BLAST IS RECOMMENDED FOR SEVERE ENVIRONMENTAL EXPOSURES. SMALL AREAS MAY BE CLEANED IN ACCORDANCE WITH SSPC-SP 2 HAND TOOL CLEANING OR SSPC-SP 3 POWER TOOL CLEANING OR SSPC-SP 11 POWER TOOL CLEANING TO BARE METAL. IT IS RECOMMENDED THAT THE PREPARED FERROUS METAL BE PRIMED FOR BEST CORROSION RESISTANCE.
- NON-FERROUS METALS: SOLVENT CLEAN OR USE A OIL & GREASE EMULSIFIER IN ACCORDANCE WITH SSPC-SP1. THE USE OF AN ACRYLIC OR PHENOLIC ALKYD PRIMER ON NON-FERROUS METALS IS RECOMMENDED.
- CONCRETE: FORM RELEASE AGENTS AND CURING COMPOUNDS MUST BE REMOVED PRIOR TO COATING. THE CONCRETE TO BE COATED MUST BE OPENED TO ENABLE COATING PENETRATION; THIS MAY BE ACCOMPLISHED BY ACID WASHING OR ABRASIVE BLASTING. COARSE MASONRY SHOULD BE PRIMED WITH APPROPRIATE BLOCK FILLER.
- PLASTER AND DRY WALL: PRIME NEW DRYWALL AND CURED PLASTER WITH A QUALITY ACRYLIC PRIMER. APPLY ONE OR TWO FINISH COATS AS NEEDED. FOR USE ON SUBSTRATES OTHER THAN SPECIFIED ABOVE, PLEASE CONTACT OUR TECHNICAL SERVICE DEPARTMENT.
- WARNING! IF YOU SCRAPE, SAND, OR REMOVE OLD PAINT, YOU MAY RELEASE LEAD DUST. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. WEAR A NIOSH APPROVED RESPIRATOR TO CONTROL LEAD EXPOSURE. CLEAN UP CAREFULLY WITH A HEPA VACUUM AND A WET MOP. BEFORE YOU START, FIND OUT HOW TO PROTECT YOURSELF AND YOUR FAMILY BY CONTACTING THE NATIONAL LEAD INFORMATION HOTLINE AT 1-800-424-LEAD OR LOG ON TO WWW.EPA.GOV/LEAD.

APPLICATION

MIX THE PRODUCT THOROUGHLY BEFORE APPLICATION. THE USE OF A DRILL MIXER AT LOW SPEED WILL BEST ACCOMPLISH THIS.

- AIRLESS SPRAY: TIP RANGE BETWEEN .013 AND .017. TOTAL FLUID OUTPUT PRESSURE AT TIP SHOULD NOT BE LESS THAN 2200 PSI.
- AIR SPRAY (PRESSURE POT): DEVILBIS MBC OR JGA GUN, WITH 704 OR 765 AIR CAP AND FLUID TIP E.
- BRUSH / ROLLER: CAN BE BRUSHED USING A NATURAL BRISTLE BRUSH OR ROLLED USING A 1/4" OR 3/8" LAMBS WOOL OR 1/4" - 1/2" SYNTHETIC ROLLER COVER. ROLL IN ONE DIRECTION, REWET, THEN CROSS ROLL.
- NOTE: DO NOT ALLOW MATERIAL TO REMAIN IN HOSES, GUN OR SPRAY EQUIPMENT. THOROUGHLY FLUSH ALL EQUIPMENT WITH RECOMMENDED THINNER. NO REDUCTION IS NECESSARY. DO NOT APPLY IF MATERIAL, SUBSTRATE OR AMBIENT TEMPERATURE IS BELOW 50 °F (10 °C). RELATIVE HUMIDITY SHOULD BE BELOW 90%. DO NOT APPLY IF WITHIN 5 DEGREES OF DEW POINT OR IF RAIN IS EXPECTED WITHIN 12 HOURS OF APPLICATION.
- 2 COATS RECOMMENDED

CLEAN UP

CLEAN WITH MINERAL SPIRITS.

ENVIRONMENTAL HEALTH & SAFETY INFORMATION

⚠ DANGER! MAY CAUSE AN ALLERGIC SKIN REACTION SUSPECTED OF CAUSING CANCER CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS FLAMMABLE LIQUID AND VAPOR

PREVENTION: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. WEAR PROTECTIVE GLOVES. DO NOT BREATHE DUST/FUME/MIST/VAPORS/SPRAY. WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES, NO SMOKING. KEEP CONTAINER TIGHTLY CLOSED. GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF ELECTRICAL/ VENTILATING/ LIGHTING/ EQUIPMENT. USE ONLY NON-SPARKING TOOLS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.

RESPONSE: IF EXPOSED OR CONCERNED GET MEDICAL ATTENTION. IF SKIN IRRITATION OR RASH OCCURS GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE. IF ON SKIN (OR HAIR) TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER. IF SWALLOWED IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. DO NOT INDUCE VOMITING. IN CASE OF FIRE USE CO₂, DRY CHEMICAL, OR FOAM FOR EXTINCTION. **STORAGE:** STORE LOCKED UP. STORE IN A WELL-VENTILATED PLACE. KEEP COOL.

DISPOSAL: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

⚠ WARNING: Cancer and Reproductive Harm.
www.P65Warnings.ca.gov

THIS DOCUMENT REPRESENTS HAZARDS OF THE PRODUCT REFERENCED ABOVE. REFER TO THE INDIVIDUAL SAFETY DATA SHEET FOR HAZARDS OF THE SPECIFIC PRODUCT YOU WILL BE USING.

KEEP OUT OF REACH OF CHILDREN FOR PROFESSIONAL USE ONLY REFER TO SAFETY DATA SHEET FOR ADDITIONAL HEALTH AND SAFETY INFORMATION.