



ALUMILASTIC™ Sealing Compound
SC-0269 Brush Grade
SC-0270 Gun Grade

DESCRIPTION

ALUMILASTIC is a resilient sealing compound heavily fortified with aluminum, which gives it the ability to resist weather degradation for long periods. It resists weather degradation from exposures to UV, moisture, and heat. It cures to a tough sealing compound with excellent adhesion properties. ALUMILASTIC forms a bright aluminum appearance with a flexible surface. This sealing compound provides its own protection and does not require painting or other surface treatment. It prevents water leakage, eliminates rust and corrosion and their resulting stains, provides air- and dust-tight joints and maintains a seal despite flexing, torsion and racking. It prevents squeaks and noise between metal parts, resists galvanic action between dissimilar metals, and compensates for parts that do not mesh or fit together exactly.

ALUMILASTIC provides effective protection from -20°F to 180°F in moist or dry atmospheres with intermittent exposures to 250°F. It is formulated to meet Federal Specification TT-C-598B. It is available in different consistencies; for extrusion or trowel application.

PRODUCT USES

ALUMILASTIC is an environmentally friendly, general purpose sealing compound that can be used with all metals. It can be applied by hand or power gun, trowel or stiff brush. It adheres well to all types of clean, oil- and dust-free surfaces. Because of its inherent UV resistance, it can be used as a top dressing for other sealants that are subject to UV degradation. ALUMILASTIC should not be used in joints that will open and close in use. It is a sealant with a great ability to be flexed and twisted, but will not tolerate constant stretching. Do not use on porous substrates without priming. If desired, it can be painted within a week of application.

TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION

Property	SC0-269 Value	SC-0270 Value
RAW MATERIAL BASE	SYNTHETIC ELASTOMER	SYNTHETIC ELASTOMER
APPLICATION	BRUSH GRADE	GUN GRADE
COLOR	ALUMINUM	ALUMINUM
SPECIFIC GRAVITY	1.61	1.61
WEIGHT PER GALLON	13.4 POUNDS	13.4 POUNDS
SOLIDS BY WEIGHT	97%	97%
FLASH POINT, ASTM D0056, TAG CLOSED CUP-520	156°F	156°F
SKIN FORMING TIME	48-72 HOURS	48-72 HOURS
FULL CURE TIME	2-3 WEEKS	2-3 WEEKS
VISCOSITY	600,000-800,000 CPS	400,000-500,000 CPS
SOLVENT	MINERAL SPIRITS	MINERAL SPIRITS
WEATHER RESISTANCE	EXCELLENT	EXCELLENT
VOC	73 G/L	73 G/L
PHOTOCHEMICALLY ACTIVE	NO	NO
SHELF LIFE	ONE YEAR	ONE YEAR
SERVICE TEMPERATURE	-20°F (-29°C) TO 180°F (82°C)	-20°F (-29°C) TO 180°F (82°C)
COVERAGE ¼" BEAD	392 LINEAR FEET/GALLON	392 LINEAR FEET/GALLON
CLEAN-UP SOLVENT	MINERAL SPIRITS	MINERAL SPIRITS
FORM & PACKAGING	55-GAL DRUMS; 5-GAL PAILS; 1-GAL CANS; 10 OZ CARTRIDGES	

APPLICATION TECHNIQUES

Trowel, Caulking Gun, Extrusion Equipment with follower plate.

DIRECTIONS FOR USE

Apply the sealant to a clean, dry surface. Ideal application temperature is between 60 and 90 F.

STORAGE & HANDLING

Storage in a protected, or covered area is suggested. The shelf life of this sealant is one year when stored between 60° and 80°F. If stored below this temperature, allow sufficient time for the material to condition to at least 60°F prior to use.

WARNING! FLAMMABLE LIQUID AND VAPOR---VAPOR MAY CAUSE FLASH FIRE

PRECAUTIONS: Vapors may ignite explosively and cause flash fire if they contact an ignition source. Vapors may settle in low-lying areas or travel long distances to an ignition source. Ensure industrial ventilation systems are on and functioning properly, or use sufficient general dilution ventilation to maintain vapor concentrations below recommended exposure limits. Keep away from heat, spark, or open flame, including pilot lights, lighters or electric switches. Disconnect all gas or electrical appliances, e.g., furnaces, heaters, power tools, until all vapors have been cleared from the area. Static charges can accumulate during shipping, unloading, pouring or conveying. Ground and bond container receiving equipment and personnel before transferring material. Do not generate static sparks (such as by walking on carpet, etc.). Keep container closed during and after use. Empty container may contain vapors -- do not cut, drill, grind, or weld on or near this container.

Vapors harmful. Acute overexposure to vapors may cause dizziness, headache, nausea, and unconsciousness. Prolonged overexposure to vapors may cause liver and kidney damage. Absorbed through the skin. Harmful if swallowed. Eye and skin irritant.

WARNING: This product contains toluene, a chemical known to the state of California to cause birth defects or other reproductive harm.

NOT INTENDED FOR CONSUMER SALE OR USE. FOR INDUSTRIAL USE ONLY. Consult Material Safety Data Sheet for further information.

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ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.