



Product Data Sheet

Cat-O-Zinc - 0055A & 0055B

Product Description

An organic Zinc Rich Primer unsurpassed in providing protection from severe environmental exposures. This is a two component epoxy 100% Zinc Dust to Catalyst system.

Where to Use

This primer is widely used in carefully engineered systems in moderate to severe service environments, with maintenance-free life expectancy of up to twenty years.

Product Characteristics

Color Zinc Gray

Gloss Flat

Architectural and Industrial Maintenance Category Not for residential use; Shop Use Only

Drying Time

Temperature	To Touch	To Recoat
75°F / 55% R.H.	30 Minutes	3 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation The surface should be sandblasted in accordance with SSPC-10 near white metal blast. Remove all flux and scab from welding. Grind smooth all rough welds and sharp edges. Remove any grease, oil or dirt with solvent or a non-soapy detergent prior to blasting. The surface should be coated immediately after sandblasting.

Finish Coats This product is not recommended for immersion in acids, alkalis, or chlorinated hydrocarbons without resistant topcoat. Suitable intermediates and topcoats include epoxies, waterbornes, urethanes, acrylics, and silicones. Consult your Anchor representative for specific job recommendations.

Mixing & Application

Mixing Always mix Zinc Dust into liquid. Hand or mechanically agitate being careful not to mix so fast that air is entrapped. Strain the mixture and place into a mechanically agitated pot.

Mix Ratio One part Anchor #0055A to one part #0055B

Surface Temperature Minimum 40°F, Maximum 110°F – The surface should be dry and the relative humidity should be less than 85%.

Recommended Thickness 2-3 mils dry

Theoretical Coverage 500 ft²/gallon at 1 mil dry, assuming no application losses. Coverage will vary depending on color, surface texture and application technique.

Coverage Rates per Coat

	Dry Mils	Wet Mils	Ft ² /gal
<u>Suggested</u>	2.5	6.0	200
<u>Minimum</u>	2.0	4.0	250
<u>Maximum</u>	3.0	8.0	167

Pot Life 48 Hours (Keep cool and agitated)

Application Equipment Airless Spray Not recommended for Zinc-Rich applications due to excessive wear on pump and gun. If mandatory, use a Graco 28:1 pump, reverse-a-clean tip with .017-.021 orifice and an agitated material pot.

<u>Conventional Spray</u>	Air Hose	5/16" I.D. for Air, 1/2" I.D. for Material
	Spray Gun	Binks #18 Gun- 67pD Air Cap 66 Nozzle Devilbiss MBC Gun- AV-15-E Fluid Tip MBC-444-E Needle, #704 or #64 Air Cap

Mixing & Application Continued

Application Considerations Spray preferred. Always mix zinc dust (0055B) into liquid (0055A). Hand or mechanically agitate being careful not to mix so fast that air is entrapped. Strain the mixture and place in mechanically agitated pot. Spray pot should be on the same level or higher than the gun. If application is delayed 10 or more minutes, clear the liquid hose. A mist coat is recommended when topcoating to minimize bubbling.

Technical Information

<u>Solids by Volume</u>	31.20% – Mixed with Dust				
<u>Solids by Weight</u>	72.04% – Mixed				
<u>Zinc Content in Dry Film</u>	91.0% – By Weight 64.0% – By Volume				
<u>Actual VOC</u>	5.01 lb/gal (600 g/l) – Mixed				
<u>Density</u>	17.99 lb/gal (2155 g/l) – Mixed				
<u>Packaging</u>	5 Gallon pails and 1 gallon cans				
<u>Chemical Resistance</u>	<u>Alkalis:</u>	Fair	<u>Acids:</u>	Good	<u>Water:</u> Good
<u>Heat Resistance</u>	Up to 600°F				

Clean-up & Storage

<u>Cleanup</u>	Use Anchor #J00009M Solvent				
<u>Storage Temperature</u>	Minimum 20°F				Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years				

Safety & Important Information

WARNING! FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED. CONTAINS: METHYL ETHYL KETONE, PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE AND TOLUENE. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, lung, eye, skin and throat irritation. 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.

CONTAINS ZINC DUST! HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR. WATER REACTIVE. MAY AFFECT THE GUM TISSUE, CENTRAL NERVOUS SYSTEM, KIDNEYS, AND BLOOD. Avoid breathing dust or contact with eyes, skin and clothing. Keep away from heat and flame. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Keep away from heat, sparks and flame. Vapors may cause flash fire. 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. **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 respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

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. WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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LIMITED WARRANTY: The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.