



Product Finishes

3.5 VOC SP ALKYD Primer

Gray.....E61AC134

PRODUCT DESCRIPTION

SP Alkyd primer, E61AC134, is a VOC compliant, quick drying alkyd primer for steel surfaces. This primer can be topcoated with both single and two component topcoats.

Developed for the Heavy Equipment market this primer is recommended for use on agricultural and construction OEM equipment, related attachments and accessories, trailers and general metal markets.

Advantages:

- Complies with 3.5 VOC solvent emissions.
- Can be used with either single or two-component topcoats
- Good gloss holdout when topcoated with two-component urethanes.
- CNH approved to MAT0103, CNH 1P primer specification
- Fast Drying
- Chromate hazard free.
- Lead hazard free**

**Meets the Consumer Product Safety Commission (CPSC) definition of "lead hazard free" as defined in 16 CFR Part 1303

CHARACTERISTICS

Weight/Gallon (Lbs):	11.2 ± 0.2
Volume Solids %:	50.5 ± 2.0
Weight Solids %:	69.4 ± 2.0
Viscosity:	17-25 seconds, #3 Zahn
60° Gloss:	flat (0-20 units)
VOC	3.5 Lbs/Gal 412 Grams/Liter
Flash Point:	45°F tag open
Spreading Rate:	809 sq.ft./gal. at 1 mil no application loss
Shelf Life:	12 months

CHARACTERISTICS (Continued)

Surface Preparation: Substrate to be coated should be free of grease, oil, dirt and any contaminants, which may affect adhesion. Consult Metal Preparation Brochure CC-T1 for details.

Steel or Iron: For best results, a surface chemical treatment, such as iron phosphate is recommended.

Reduction: None required

Recommended film thickness:

Mils Wet	2.4 - 3.4 mils
Mils Dry	1.2 - 1.7 mils

Spreading Rate:

674 sq ft/gal at 1.2 mils DFT
476 sq ft/gal at 1.7 mils DFT

Drying:

1.2 mils dry film, 77°F and 50% RH	
To touch	≤ 15 minutes
Tack free	≤ 30 minutes
To recoat	after 5 minutes
To recoat with 2K	after 30 minutes
Force dry	10 - 30 minutes up to 180°F

Clean Up: Use 100 Flash Naphtha or Xylene.

Recommended Storage:
Inside- No freeze hazard.

APPLICATION

May be applied by:

Conventional spray
HVLP
Airless

SPECIFICATIONS

Product Limitations:

1. For good corrosion resistance, a minimum of 1.50 mils dry film is recommended.
2. Apply as a full wet coat. Dry spray gives poor enamel holdout and rough appearance.
3. On sand blasted surfaces, apply sufficient film thickness to fully protect the blast profile. This is typically 1 mil more than the blast profile.
4. Users should test for intercoat and system adhesion when top coating with products containing high strength solvents. Two component coatings typically contain high strength solvents.
5. Coating thickness will increase rapidly during application because of its high solids. Heavy films will dry slower.

Performance Tests:

Performance after two-week air dry (Prepared over B1000 P60 panels)	
- Humidity Resistance – 100 hrs.	Pass
- Impact Resistance (Direct @ 160 in-lbs.)	Pass
- Flexibility (1/8" conical mandrel)	Pass
- Salt Spray Resistance (150 hrs)	Pass
- Water Immersion (150 hrs)	Pass
- Chip Resistance (7A rating)	Pass

CAUTIONS

Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

(CONTINUED ON BACK)

CAUTIONS – (Continued)

Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage

FIRST AID: If **INHALED:** If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Call Poison Control Center, hospital emergency room, or physician immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY.

KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

SEE MATERIAL SAFETY DATA SHEET

Note:

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, the Sherwin-Williams Company cannot make any warranties or guarantees as to the end results.

A Material Safety Data Sheet is available from your local Sherwin-Williams Representative.

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