



AMERICAN COATINGS

SAK SERIES SILICONE ALKYD FINISHES

A modified high performance alkyd finish coat, characterized by good gloss retention and additional chemical resistance.

GENERAL FEATURES

- EXCELLENT GLOSS RETENTION
- EXCELLENT COLOR RETENTION
- A HIGH PERFORMANCE ALKYD TYPE COATING

DESCRIPTION

American SAK Series Silicone Alkyds are high performance products formulated for good gloss retention and color retention. The silicone modification provides for a higher temperature resistance than a conventional alkyd.

USES

American SAK Series Silicone Alkyds can be used in place of higher cost polyurethanes in many applications. SAK Series Finishes can be applied over alkyd, epoxy ester, and all purpose primers. Do not use SAK Series Finishes for immersion service.

PRODUCT AVAILABLE

*SAK 4009	Tan White (Semi Gloss)
*SAK 4602	Black
*SAK 4124	Ford Blue
*SAK 829	Gray Green

*Made to order, available upon request 50 gallon minimum order required.

PHYSICAL DATA

Finish ----- Gloss and Semi Gloss
 Color ----- Various
 Applied Over ----- Suitable Primers
 Components ----- One
 Cure ----- Air Dry

Volume Solids ± 2% ----- 46%

Recommended Dry Film

Thickness ----- 1.5 – 2.0 mils
 Number of Coats ----- One
 Application Method ----- Conventional or Airless
 Spray, Brush or Roll

Thinning Required ----- 10 – 15% TH 600

Dry Time @ 77°F and 50% RH:

Touch ----- 2 hours
 Through ----- 24 hours
 Topcoat ----- 24 hours

*Theoretical Coverage at:

Recommended Thickness ----- 491 – 368 sq. ft/gal

Temperature Limit

Immersed ----- N/R
 Atmospheric ----- 225°F

Miscellaneous Properties

Shelf Life ----- 1 year

American SAK Series Alkyd Finishes can be applied over the following primers:

New Steel

AK 3190
 AK 11509
 AK Series Heavy Duty Primers

Old Coatings

AK 3550
 AK 3560
 Rust-Lok

Galvanized and Aluminum

WP 9521

* Coverage's are theoretical and do not make provision for spray losses



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APPLICATION INFORMATION

Do not apply if temperature is below 50° F or humidity is above 85 percent.

APPLICATION METHOD

Conventional or Airless spray preferred. Can be applied by brush or roller also.

MIXING

Thoroughly mix with a mechanical agitator before using to disperse pigment and dryers.

CLEAN-UP AND THINNING

Clean up all equipment with TH 600 thinner after use. Thin as required with TH 600 thinner.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Pump Ratio ----- 28:1
Air Supply (in) ----- 100 psi
Hose Diameter (ID) ----- 1/4"
Hose Length ----- 100'
Tip Size ----- .013 - .021
Atomization Pressure ----- 2,200

FOR CONVENTIONAL SPRAY

Spray Pot Dual Regulation
Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) ----- 100 psi
Material Hose (ID) ----- 1/2"
Material Hose Length ----- 50' – 75'
Air Hose (ID) ----- 5/16"
Fluid Pressure (psi) ----- 10 – 20 psi
Atomization Pressure (psi) ----- 45 – 60 psi
Fluid Tip Orifice Size (in) ----- .046

SAFETY INFORMATION

WARNING! COMBUSTIBLE, HARMFUL IF INHALED, CAUSES IRRITATION.

Keep away from heat, sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
Hazard Class----- Flammable Liquid

Flash Pt. °F SETA ----- 81° F

UN No.----- 1263

PACKAGING

Fives ----- 58 lbs. avg.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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