



PRODUCT DATA SHEET

MOOSE HIDE

AK05C001

DESCRIPTION

Alaskan **Moose Hide** has been specifically formulated to preserve and protect wood surfaces. **Moose Hide** is a premium transparent wood finish incorporating three prime resins; Linseed Oil which penetrates into the wood to aid in the adhesion and to help rejuvenate the wood cells, Long Oil Alkyd to provide flexibility and durability in temperature extremes and Polyurethane to seal and protect. **Moose Hide** is formulated to contain a special UV Absorber, titanium dioxide, to further protect the wood from the harmful affect of sunlight. **Moose Hide** contains a preservative that will help retard fungal growth, mildew and blue stain. This product is recommended for use on properly prepared wood substrates. Not recommended for horizontal decking surfaces.

COVERAGE

Laboratory testing has shown **Moose Hide** to seal and protect the wood on the first coat at a spreading rate of 250 sq. feet per gallon. However, to beautify and enhance the natural beauty of wood a second coat at the rate of 250-300 sq. feet per gallon should be applied. A third coat of **Moose Hide** is often desired to deepen and enrich the gloss and give the added protection that can give this finish an exterior lifespan of up to 5 years in our Alaskan climate. If a third coat is desired it should be applied at the rate of 300-400 sq. feet per gallon. Rough and drier substrates will need a thicker film build to cover and protect the deep surface profile.

Drying Time @ 77°F, 50% Relative Humidity:

Temperature and humidity dependent
 Tack Free..... 2-4 hour
 Recoat8-12 hours
 Dry hard 24 hours

Flash Point: 115°F (46°C) TCC

Finish:.....Clear

Clean-up:..... Mineral Spirits

Vehicle Type:..... Resin blend

VOC (less exempt solvent)

483 grams/liter 4.0 lb/gal.

Volume Solids:..... 38.7%

Weight Solids:..... 45.1%

Weight/Gallon:....7.34 lb.....(3.34 kg)

This product provides performance which is comparable to the products that are formulated in accordance with federal specifications:

A.I.M. category: Stains - Clear and semitransparent

SURFACE PREPARATION

Proper surface preparation is the key to maximum performance. The durability of this product can be impaired by an unsound or poorly prepared surface. It is very important that the surface be clean of all dirt, mildew, loose wood fibers and other foreign matter. In order to be effective, **Moose Hide** must be able to penetrate. Surfaces must be structurally sound and dry. Wood moisture content must be below 15% or the wood must be exposed to dry weather a minimum of 3 to 5 days. Previously stained or weathered wood surfaces must be either sanded, scrubbed with Forrest Paint Co. **Restorex Weathered Wood Remover**, a solvent based Stain/Paint remover or be pressured washed to remove the surface layer of all previously stained, loose wood fibers, dirt, mildew, chalky residue, waxes and other foreign materials. Wood surfaces that contain natural oils/acids such as Cedar, Redwood, Pine, Fir, Cypress, Eucalyptus and pressure treated wood must have all surface oils, acids and other natural chemicals removed from the surface before using **Moose Hide**. New smooth wood that is unseasoned or appears shiny (Mill Scale) should be allowed to weather sufficiently before finishing, but no longer than three months. After this initial exposure, the above Surface Preparation techniques should be employed as previously weathered wood surfaces.

Mildew

Remove before painting by washing with a solution of 1 part household liquid bleach and 3 parts of water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin or eyes. Do not add detergents or ammonia to the bleach/water solution.

APPLICATION

General

Stir thoroughly before using. Apply with brush, roller, pad, airless or conventional spraying systems. Use at package consistency. Avoid painting late in the day when dew or condensation is likely to form or when rain is threatening. Apply when the temperature is 40°F (10°C) min., 100°F (37°C) max. (air, surface and material), at least 5°F above dew point. The relative humidity should be 85% maximum. Do not apply to



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porous substrates such as new wood, restored old wood surfaces, etc. if the substrates have a moisture content greater than 15%.

DEW PONT CALCULATION CHART (FARENHEIT)

		AMBIENT AIR TEMPERATURE °F.										
		20	30	40	50	60	70	80	90	100	110	120
%RH		-----										
90	18	28	37	47	57	67	77	87	97	107	117	
85	17	26	36	45	55	65	75	84	95	105	113	
80	16	25	34	44	54	63	73	82	93	102	110	
75	15	24	33	42	52	62	71	80	91	100	108	
70	13	22	31	40	50	60	68	78	88	96	105	
65	12	20	29	38	47	57	66	76	85	93	103	
60	11	19	27	36	45	55	64	73	83	92	101	
55	9	17	25	34	43	53	61	70	80	89	98	
50	6	15	23	31	40	50	59	67	77	86	94	
45	4	13	21	29	37	47	56	64	73	82	91	
40	1	11	18	26	35	43	52	61	69	78	87	
35	2	8	16	23	31	40	48	57	65	74	83	
30	6	4	13	20	28	36	44	52	61	69	77	

Dew Point: The temperature at which moisture will condense on surface. No coatings should be applied unless surface temperature is a minimum of 5 °F. above this point. Temperature must be maintained during curing.

Example: If the temperature is 65 °F. and relative humidity is 55%, the dew point is 43 °F. No coating should be applied unless the surface temperature and coating material is 48 °F. minimum.

Brush

No reduction necessary. Use a natural bristle brush.

Roller

No reduction necessary. Use a 3/8"-3/4" nap synthetic roller cover.

Pad

No reduction necessary.

Spray-Airless

Pressure.....2000 psi
Tip.....013"-017"
Reduction.....none

Spray-Conventional

Air Pressure.....40-60 psi
Fluid Pressure.....20 psi
Cap/Tip.....704/FX
Reduction.....None

CLEAN-UP INFORMATION

Clean any spills and splatters immediately with mineral spirits. Clean-up tools with mineral spirits.. After cleaning, flush any spray equipment with mineral spirits to prevent rusting of the equipment. Follow

manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

This product contains solvents and/or other chemical ingredients. Rags, Steel Wool and waste soaked with **Moose Hide** may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool and waste in a sealed, water-filled metal container. Adequate health and safety precautions should be observed during storage, handling, use and drying periods.

READ MATERIAL SAFETY DATA SHEETS BEFORE USING THIS PRODUCT.

LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.

Revised 07/17/13 (bjw). Supersedes all previous product data sheets for this product.