

FUHR

International, LLC
Specialty Paint &
Wood Coatings

High Quality Water based
Wood Finishes

BEST GRADE

Product Series Number:
105

Wiping Stain

Summer 2002

An extremely low Voc water based stain designed for wood color enhancement and decorative effects before sealing and finishing. Used on any wood surface, 105 is a little to no grain raising acrylic stain base developed to work with all of our series of sealers and finishes as well as most other finish products including lacquer and other solvent based finishes. Compatible with pigments and dyes for an unlimited range of colors. Offered in 18 standard stock colors of both pigment (good for evening out unmatched woods) and dye (best available clarity and warm colors) with custom colors matched upon request. Designed for use when more open time and workability is needed in wiping applications. 105 may be spray applied then wiped from the surface, brushed or simply wiped on. Typical dry time to seal in ambient conditions is 30-45 minutes depending on substrate preparation and amount of stain applied. Product may be force dried with heat and air if proper flash time is allowed

PRODUCT DATA & SPECIFICATIONS

Appearance & Odor:	Color liquid, mild odor	VOC content by #:	.125#/gallon
Evaporation Rate:	Slower than ether	VOC content by G/l:	15 Grams / liter
Solubility in Water:	Dilutable	VHAP content:	0
Specific Gravity:	< 1.00	VOC % Solids content:	.004# /solids/gallon
Weight per Gallon:	8.3 #	Flash Point:	Non-combustible
Solids by Weight:	1.42 #	Flammability:	Not applicable
Solids by Volume:	17.1 %	Viscosity:	# 4 Zahn Cup, 25-30 seconds

Substrate Preparation: Substrate should be pre-sanded with 150 grit abrasive or higher. 220 grit abrasive is recommended for best results. Clean surface of all dust with lint free cloth.

Application: May be applied by spray, brush or wiping. Allow 45 minutes in ambient conditions for drying prior to sealer application.

Cleanup: Flush all equipment with water both before and after use of 105. Build-up may be removed with a cleaner solution such as 330 Universal Cleaner & Stripper. Flushing with water is necessary after the use of any cleaning agent to avoid contamination.

Featured Benefits

*** Fast Dry * Extremely Low VOC * Multi-Use * Low Cost * 36 Standard Colors *
* Film Forming * Water Clean-Up * No Haps * Non-Flammable * Easy Application ***

1-800-558-7437

Fuhr International, LLC
64664 Woodburn Drive
Winigan, MO 63566

www.fuhrinternational.com

MATERIAL SAFETY DATA SHEET

Wiping Stain Series # 105 (all colors)

Section I. Manufactured By

Fuhr International
64664 Woodburn Drive, Winigan, MO 63566
Emergency Telephone: 800-558-7437
Information Telephone: 660-857-4300
Preparation Date: Revised 04-30-2002

Section II. Hazardous Ingredients		PEL	TLV
Acrylic Resins			
CAS #: Proprietary	Content: 38 %	NE	NE
Water			
CAS #: 7732-18-5	Content: 56.6 %	NE	NE
Tributoxyethylphosphate			
CAS #: 78-51-3	Content: 3 %	NE	NE
Polysiloxane-polyether copolymer			
CAS #: Proprietary	Content: .4 %	NE	NE
Orange, Brown, Red AZO Dyes			
CAS #: Proprietary	Content: > 2 %	NE	NE
Propylene Glycol			
CAS #: 57-55-6	Content: < .01%	NE	NE
Talc			
CAS #: 14807-96-6	Content: > .01%	NE	NE

Section III. Physical Data

Boiling Point:	192F-396F
Specific Gravity (H ₂ O=1):	1.00
Vapor Pressure (mm Hg.):	Greater than 1
Melting Point:	Variable
Vapor Density (Air=1):	Greater than 1
Evaporation Rate (Butyl Acetate=1):	Slower than ether
Solubility in Water:	Dilutable
Appearance and Odor:	Milky white liquid, mild odor
pH:	7-9
Solids by Wt:	1.42#
Solids by Volume:	17.1 %
Weight per Gallon:	8.34 #
VOC Content:	15 grams/liter
VHAP Content:	0

Section IV. Fire and Explosion Hazard Data

Flash Point (method used):	Non-combustible
Flammable Limits:	Not applicable
LEL:	UEL:
NA	NA

Extinguishing Media: Carbon dioxide, dry chemical, water fog
Special Fire Fighting Procedures: Water may be used to cool closed containers, to prevent pressure build up.

Unusual Fire and Explosion Hazard: Material will not support combustion unless the water has evaporated.

Section V. Reactivity Data

Stability:	Stable
Conditions to avoid:	None Known
Incompatibility: (Materials to avoid)	Strong Oxidizers
Hazardous Decomposition or By-products:	NA
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known

Section VI. Health Hazard Data

Route(s) of Entry (Health Haz.)	Inhalation?	Skin?	Ingestion?
	Med. Cond.	Emergency/First Aid	
Health Hazards:	Vapors and mist can irritate nose, throat and lungs. Slight irritation to skin. Contact of product to eyes may cause slight irritation.		
Carcinogenicity	NPT?	IARC?	OSHA?
NONE	NE	NE	NE

Signs and symptoms of exposure: Note: Health hazards.

Medical Conditions:

Substantially irritating to eyes. Slightly irritating to Skin.

Emergency and First Aid Procedures:

If swallowed drink 2 glasses of water. See a Physician. For eye or skin contact, flush eyes with water for 15 minutes. Wash skin with soap and water.

Section VII. Precautions for Safe Handling and Use.

(Steps to be taken if released or spilled): Ventilate area. Remove sources of spill. Remove with inert absorbent. NOTE: This product is not a hazardous waste under RCRA regulations.

Waste Disposal Method: Dispose material as Non-hazardous paint product according to local regulations.

Handling and Storage Precautions: Storage temperatures: Max: 49C/120F. Min: 1C/34F. Keep product from freezing.

Section VIII. Control Measures Respiratory Protection:

Wear suitable respirator (MSHA/NIOSH-approved or equivalent) where exposure limits are exceeded.

Ventilation: At point of contaminant release.

Protective Gloves: Impervious.

Eye Protection: ANSI Z-87.1 or approved equivalent chemical splash goggles.

Other Protective Clothing or Equipment: Eye wash facility. Safety shower.

Work/Hygienic Practices: Wash thoroughly after handling.