



WEATHER SHIELD

700

Exterior Semi Transparent Oil Stain PRODUCT DATA

HMIS CODE:	
HEALTH: 2	FLAMMABILITY: 2
REACTIVITY: 0	PERSONAL PROTECTION: B

AVAILABLE IN:

BASES: 0700

COLORS: 0716 Natural Cedar
0911 Twilight

DESCRIPTION: PARKER PAINT's WEATHER SHIELD is a Semi-Transparent oil base penetrating, exterior stain. PARKER PAINT's WEATHER SHIELD helps to protect and decorate the wood when the natural grain appearance of the wood is desired. PARKER PAINT's WEATHER SHIELD can be used on rough and sanded fir plywood (T1-11 or 303 type) cedar, redwood, shakes, shingles, etc.

NOT RECOMMENDED FOR: High-density particle board, smooth or abraded (brushed) plywood, preprimed siding, metal, concrete, painted or sealed surfaces. Apply ONE COAT ONLY to decks. Base not to be used as a clear coating.

SURFACE PREPARATION: Before applying, read and follow all directions and cautions on container label.

All old and new surfaces to be stained must be sound, clean, dry and free of dust, dirt, oils, chalk, mildew, grade stamps, pencil marks, or any other contamination that can affect the stain film.

This can be achieved by scraping, sanding, wire brushing, sweeping, pressure washing or any other approved method of preparing a substrate for staining.

Correct any moisture problem areas on the exterior and replace or re nail any decayed or loose boards. If a structure is cleaned with a pressure water wash, the structure should be let to dry, in good weather, for at least one week before staining.

The moisture content of the substrate to be stained should not exceed 15% as determined by a moisture meter.

Caution should be taken if a flammable product is used for cleaning the substrate.

WEATHER SHIELD stain should be mixed thoroughly before and during application. If more than one container of stain is to be used, mix them together in a large container or do not empty or use all of a container of stain before starting another. Mix (pour) in a thoroughly mixed container of stain, while there is still a quarter of the old stain left. Mix them back and forth a few times. This will minimize the chance of any visible color variation.

For special staining procedures ask a PARKER PAINT representative.

RECOMMENDED PRIMERS:

WOOD: Self Prime

MASONRY/CONCRETE: N/A

METAL: N/A

APPLICATION:

Mix paint thoroughly before using and mix occasionally during use.

RECOMMENDED DRY FILM THICKNESS

PER COAT: 1.0 mils

WET FILM TO ACHIEVE DFT: 2.6 mils or less, depending upon penetration. (Unthinned material)

THEORETICAL COVERAGE

AT RECOMMENDED DFT: 150 - 300 sq. ft. per gal.

Coverage will depend upon method of application, porosity and moisture content of the wood. Two coats are recommended for new wood siding.

NEW WOOD		RE-DO	
(first coat)		(new wood second coat)	
Rough	Smooth	Rough	Smooth
150	250	250	300

RECOMMENDED APPLICATION

TEMPERATURES AND HUMIDITY:

50 - 90° F (10 - 32° C) 50 - 55% RH

DRYING TIMES: TACK FREE: 8 hrs.

@77° F (25° C) RECOAT: 16 hrs.

50 - 55% RH DRY HARD: 24 - 36 hrs.

NOTE: See back under Precautionary Information.

EQUIPMENT RECOMMENDATIONS:

BRUSH/ROLLER/PAD APPLICATOR: Use premium quality pure bristle brush and a premium quality roller cover. No thinning.

AIRLESS SPRAY: Back brush or roll is recommended after spray application. No thinning.

THINNING: No thinning.

CLEAN-UP: Clean all tools and equipment immediately after use with clean paint thinner.

PRODUCT ANALYSIS: Based on 0716 Clear Base

PIGMENT		8.1%
(Disp) Titanium Dioxide	39.2	
Zinc Oxide	7.8	
(Disp) Yellow Oxide	36.1	
(Disp) Burnt Umber	15.1	
(Disp) Red Oxide	1.8	
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	100%	

VEHICLE:		91.9%
Soya Alkyd	22.1%	
Linseed Oil	13.7%	
Mineral Spirits	52.8%	
Additives & Driers	11.4%	
	<hr/>	<hr/>
	100%	100%

For other WEATHER SHIELD colors - the amount of Dispersed Tinting Colorant will be less than 15%.

VEHICLE TYPE: Alkyd Oil

SOLVENT TYPE: Mineral Spirits

VOC GRMS/L: 545 grams/liter; 4.54 lbs./gal.
----Before Thinning----

APPEARANCE: Sheen

GLOSS RANGE: N/A

VISCOSITY: 16 ± 2 sec. #4 Ford Cup
(@ 77° F [25° C])

% SOLIDS BY WEIGHT: 39.9% ± 1.5%

% SOLIDS BY VOLUME: 31.7% ± 1.5%

WEIGHT/GAL.: 7.4 - 7.8 lbs./gal.

PACKAGING: FIVE: X ONE: X QT: X

SHELF LIFE: N/A

TINTING: N/A

ENVIRONMENTAL CONSIDERATIONS
Formulated without lead or mercury.

PRECAUTIONARY INFORMATION:
FOLLOW ALL DIRECTIONS AND CAUTIONS ON CONTAINER LABEL

CHECK COLOR BY APPLYING STAIN TO A SMALL AREA OR A SAMPLE BOARD BEFORE PROCEEDING

CLOSE CONTAINER AFTER EACH USE

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY

COMBUSTIBLE

FLASH POINT: 105° F (Set-A-Flash)

D.O.T. (REQUIREMENTS): N/A

STORE in a clean, dry place away from high heat and open flame. Vapors may ignite.

RECOMMENDED STORAGE TEMPERATURES

should be between:
38° F (3° C) - 100° F (38° C)

EXTINGUISHING MEDIA: CO2, Dry Chemical, Alcohol Foam, Foam. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat.

NOTE: Dry times will vary depending upon ambient temperatures and atmospheric conditions. Do not apply an exterior paint coating during rain, or in damp, foggy or freezing weather. Any one, or all of these conditions can affect the drying, appearance, and durability of a paint coating.
EXTRACTIVE BLEEDING: Some woods contain water and oil soluble extractives which may "bleed" through the stain coating. This extractive staining can develop months after the finish is applied. This bleeding may be unsightly on the light colored stain and hardly noticeable on the dark stain; however, it does not harm the stain finish.

Contain all sanding dust, overspray and wipe rags in a water filled metal container to prevent possible spontaneous combustion.

WEATHER SHIELD will not prevent blotching or staining caused by the bleaching action of alkali and chlorine in sprinkler water or on decks around spas, hot tubs and swim pools.

Do not apply in direct sunlight or to a hot surface.

The color of a Semi-Transparent stain is dependent upon many variables; such as:

1. Thoroughly mixing before and during the application of the stain.
2. The color of the wood (light or dark; Red or yellow; etc. wood).
3. The amount of stain being applied to the wood.
4. One coat versus two coats.
5. The type of application (brush, roll, spray, pad applicator).
6. Temperature of atmosphere and/or substrate.
7. Moisture content and porosity of the wood.
8. Because of these variables, PARKER PAINT cannot guarantee that our color samples will exactly match your stained surface.
9. We recommend that a sample of stain be applied to a small area to be stained or a sample board before proceeding.

WEATHERSHIELD in its liquid form, should not come in contact with shrubbery, plant life, asphalt or coal tar-based coatings because of its petroleum solvents.

USE WITH ADEQUATE VENTILATION. Avoid prolonged or repeated contact with skin and breathing vapors or spray mist. Coatings should only be applied when ventilation is adequate. If there is not adequate ventilation, applicators should wear respirator approved by NIOSH / MSHA (TC-23C or equivalent).

THINNER - CAUTION:

CONTAINS: ALIPHATIC HYDROCARBONS

Keep away from heat, sparks and flame. Avoid breathing of vapor or spray mist. Avoid contact with eyes and skin. Keep container closed when not in use. Keep closures tight and upright to prevent leakage. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

FIRST AID

In case of skin contact, flush with plenty of water; for eyes, immediately flush with plenty of water for 15 minutes and get medical attention. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. If swallowed, CALL A PHYSICIAN IMMEDIATELY.

NOTICE

Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

ENVIRONMENTAL HAZARDS: This product can be toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by indiscriminate dumping of cleaning thinners.

MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST

REVISED: 1/99 (Supercedes 12/96 AE)

To the best of our knowledge, the information presented herein is correct. No guarantee of accuracy is given or implied. The information is subject to change without prior notice. Because conditions of surface preparation, material handling, and application are beyond our control, we assume no responsibility for product performance or injuries resulting from use of our products. Liability, if any is limited to the replacement of products. No other warranty or guarantee of any kind is made by the seller, express or implied, statutory, by operation or law or otherwise, including merchantability and fitness for a particular purpose.