



OVERLAY RED PRIMER

1679

INT/EXT QUICK DRY ALKYD PRIMER

PRODUCT DATA

HMIS CODE:	
HEALTH: 2	FLAMMABILITY: 3
REACTIVITY: 0	PERSONAL PROTECTION: B

AVAILABLE IN:**BASES:** N/A**COLORS:** 1679 Red

DESCRIPTION: PARKER PAINT's 1679 Overlay Red Primer is a fast drying alkyd primer with excellent abrasion and corrosion resistance. PARKER PAINT's 1679 Overlay Red Primer is a spray-type rust-inhibiting primer for structural steel, equipment or as a general purpose metal primer when a fast drying primer is needed. PARKER PAINT's 1679 Overlay Red Primer is an excellent shop primer.

NOT RECOMMENDED FOR: Bare wood, masonry, stainless steel or for direct application on new untreated aluminum or galvanized metal. 1679 Overlay Red Primer is not recommended for use on substrates exposed to severe corrosive conditions. Do not use 1679 Overlay Red Primer on pre-coated or painted substrates. If areas are to be spot primed, do a small test area, some lifting of the old coating can occur.

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

All surfaces to be primed, old and new, must be sound, clean, dry and free of dirt, dust, sawdust, oils, chalk, mold and mildew, organic matter, or any other contamination that can affect the paint film.

PARKER PAINT recommends that new and old iron and steel (ferrous metals) must have all mill scale, heavy and loose rust or corrosive deposits removed.

These can be removed by abrasive blasting to specification SSPC-SP-6, power tool cleaning to specification SSPC-SP-3 or scraping and wire brushing to specification SSPC-SP-2. This is followed with a solvent clean to specification SSPC-SP-1.

All new iron and steel with very little rust or no rust and no mill scale or tightly bonded mill scale can be solvent cleaned to specification SSPC-SP-1.

Cleaning the substrate with these cleaning methods will let the primer wet the surface and penetrate into the substrate irregularities and assure a tight bond.

Caution should be taken when a flammable product is used for cleaning and have adequate ventilation for drying and to remove any solvent vapors.

See back for other precautionary information.

For special painting procedures, ask a PARKER PAINT representative for additional instructions.

RECOMMENDED PRIMERS:

WOOD: N/A

MASONRY/CONCRETE: N/A

METAL: Self primer

GALVANIZED & ALUMINUM:

1821 Galv O Prime

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS**PER COAT:** 1.4 mils.**WET FILM TO ACHIEVE DFT:** 2.50 mils.

(Unthinned Material)

THEORETICAL COVERAGE**AT RECOMMENDED DFT:** 600 - 650 sq. ft. per gal.

Coverage will depend on the method of application, porosity and texture of the surface.

DO NOT apply an exterior paint coating during rain, or in damp, foggy or freezing weather. Any of these conditions can affect the drying, appearance and durability of the paint coating.

It is important that this primer be applied thick enough to thoroughly cover the substrate to provide the best possible protection.

RECOMMENDED APPLICATION**TEMPERATURES AND HUMIDITY:**

50 - 90° F (10 - 32° C) 50 - 55% RH

DRYING TIMES: TACK FREE: 30 - 45 minutes

@ 70 - 80° F RECOAT: 1 hour

and 50% RH DRY HARD: 4 hours

NOTE: See back under Precautionary Information.**EQUIPMENT RECOMMENDATIONS:****BRUSH:** Use premium quality pure bristle brushes.**AIR ATOMIZED SPRAY:** With suitable nozzle set-up.**AIRLESS SPRAY:** With tip orifice size of .013 to .021.**THINNING:** No thinning is necessary. If thinning is necessary, add no more than 4 fl. oz. of PARKER PAINT #3310 Synthetic Thinner per gal.**CLEAN -UP:** Clean all tools and equipment immediately after use with clean lacquer thinner or synthetic thinner.

PRODUCT ANALYSIS: 1679 Red

PIGMENT		42%
Amorphous Fumed Silica	.5%	
Barium Metaborate	17%	
Yellow Iron Oxide	7.5%	
Red Iron Oxide	28%	
Nepheline Syenite	42%	
Aluminum Silicates	5%	
	100%	

VEHICLE		58%
Modified Alkyd	71%	
Aromatic Solvent	26%	
Additives & Driers	3%	
	100%	100%

VEHICLE TYPE: Modified Alkyd**SOLVENT TYPE:** Xylene

VOC GRMS/L: Voc before thinning 365 g/l (3.04 #/gal)
 Voc after thinning with recommended thinner
 450 g/l (3.75 #/gal)

APPEARANCE: Flat**GLOSS RANGE:** N/A

VISCOSITY: 72 - 76 KU's
 (@ 77°F [25° C])

% SOLIDS BY WEIGHT: 72 - 75%**% SOLIDS BY VOLUME:** 55 - 58%**WEIGHT/GAL:** 11.4 - 11.8 lbs/gal.**PACKAGING:** FIVE: X ONE: X QT:**SHELF LIFE:** N/A**TINTING:** Not recommended.**ENVIRONMENTAL CONSIDERATIONS**

Formulated without lead or mercury.

PRECAUTIONARY INFORMATION:**CLOSE CONTAINER AFTER EACH USE****KEEP OUT OF REACH OF CHILDREN****DO NOT TAKE INTERNALLY****COMBUSTIBLE****FLASH POINT:** 70° F (Set-A-Flash)**D.O.T. (REQUIREMENTS):** Red Label**STORE** In a clean, dry place away from high heat and open flame. Vapors may ignite.**RECOMMENDED STORAGE TEMPERATURES**

should be between: 38 - 100° F (3 - 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 substrate, air temperatures and ventilation. Poor ventilation or no ventilation in a room or area where painting is being done could result in insufficient drying and/or curing of a paint coating. Contain all sanding dust, overspray and rags in a water filled metal container to prevent spontaneous combustion.

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: XYLENE

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 spoilage, 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.

This product has been formulated to resist mildew growth on dried paint film. There are no known methods or chemicals to eliminate the growth of mildew if the conditions are favorable to its growth; therefore Parker Paint Company assumes no responsibility for mildew development.

MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST

REVISED: 9/99 (Supercedes 12/96)

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.