



PRODUCT NAME
ETCH PRIMER

Issue Date	01/31/02
Formula Number	3105
Product Code	PRIETCBY
Printed Date	Thursday, August 05, 2004
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HMG PERFORMANCE COATINGS LLC
PO BOX 313
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TEL: 1-864-578-6770
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PACKAGING
Available in 1 liter and 5 liter containers

PRODUCT FUNCTION
HMG 2 pack Etch Primer offers the ideal protective coating when painting metals, especially aluminum and alloys. HMG 2 pack Etch Primer provides an excellent surface for overcoating with other primers (except epoxy based) and topcoats.

TECHNICAL INFORMATION		APPLICATION AND USAGE DATA	
Solids	15 – 20%	Touch dry	15 minutes @ 72°F
Flashpoint	Below 72°F	Hard dry	1 hour @ 72°F
Specific Gravity	0.83 approx	2pk mixing ratio	1:1 base: hardener Etch Primer Activator
Temp Resistance	392°F	Thinner/Reducer	HMG Etch Primer Retarder Reducers.
Storage	12 months in original sealed containers	Eqp. Cleaning	HMG Etch Primer Retarder Reducers
Flash off period	5 minutes	Film thickness	0.5 mils max DFT (apply only one coat)
Pot life	8 hours @ 72°F	Coverage	815 sq. ft. per US Gallon (theoretical)
		VOC	714g/l approximately
		Overcoating	1 hr minimum @ 72°F. Do not leave for more than 8 hrs prior to application of ordinary primer
		Sanding	Do not sand

COLOR RANGE
Pale translucent yellow

SPECIAL PROPERTIES
Used as a primer directly on to difficult surfaces such as aluminum, zinc and alloys to promote adhesion of subsequent coats.

PREPARATION
Apply over suitably degreased and abraded substrate. SAH 270 Water Based Degreaser provides an ideal pre-cleaner. Old work should be completely stripped and the surfaces neutralized by wiping down with Etch Primer Retarder Reducers before commencing to prime. Etch primer only works when applied directly to metal substrates.

HOW TO USE
 HVLP Conventional Spray Brush – but do not over apply

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APPLICATION
Etch Primer can be applied by conventional or HVLP spray. Apply lightly with a brush as Etch Primer must be applied as a thin coat. The base and activator must be mixed in equal proportions. Pour the activator into the base while stirring and continue stirring until the mixture is homogenous. HMG Etch Primer Retarder Reducers should then be added until the primer has a "wash" appearance. Do not apply thick films as this is detrimental to the performance of the primer and the other applied topcoats. If the primer is too thick then "cobwebbing" occurs and further thinner/reducer is necessary. Clean equipment immediately after use as dried primer is very difficult to remove. Etch primer must be overcoated within 8 hours. Epoxy primers are not recommended over Etch Primer – ideal primers are HMG Polykote primers

HEALTH AND SAFETY
<ul style="list-style-type: none"> • Refer to MSDS and can label prior to use. • This product contains zinc chromate and can cause cancer as a result of ingestion or inhalation. • Suitable air fed respiratory equipment should be worn. • KEEP OUT OF REACH OF CHILDREN.

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