

BR® 6747-1

Epoxy; Epoxide

Cytec Industries Inc.

Message:

BR® 6747-1 corrosion inhibiting primer is a one part, chromate based, modified epoxy primer which contains no volatile organic components (VOC). BR 6747-1 is 100% water-based and does not rely on exempt solvents to achieve its zero VOC level rating. It exceeds all state and federal VOC emission regulations for structural adhesive bonding primers and offers mechanical properties and corrosion resistance equal to that of solvent-based primer systems. BR 6747-1 also provides outstanding performance with most 250 - 350°F (121 - 177°C) curing adhesive systems. BR 6747-1 offers wide application/processing latitude, simple processing with HVLP or standard air atomizing spray equipment and is insensitive to spray booth conditions - temperature from 65 - 95°F (18 - 35°C) and relative humidity from 30 - 70%. For applications which do not allow the use of chromate corrosion inhibitors, please see the Cytec Technical Bulletin for BR 6747-1 NC non-chromate-based corrosion inhibiting adhesive bonding primer.

Suggested Applications:

Bond primer for aluminium components where corrosion protection is critical

Also very effective as a corrosion inhibiting paint primer for aluminium substrates.

Effective adhesion promoter for other metals (stainless steel, titanium, and nickel)

General Information		
Features	Good Adhesion	
	Good Corrosion Resistance	
	Good Thermal Stability	
	Heat Cure	
	High Heat Resistance	
	Low VOC	
Uses	Bonding	
	Metal Bonding	
	Structural Parts	
Appearance	Yellow	
Processing Method	Spraying	
Physical	Nominal Value	Unit
Specific Gravity	1.05 to 1.09	g/cm ³

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