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PRODUCT DATA SHEET		Future Glue and Future Glue Gel

Pacer Technology Future Glue and Future Glue Gel belong to the family of non-surface sensitive adhesives for bonding porous, acidic, contaminated, or hard-to-bond surfaces. The thin formula Future Glue is best used in applications with closely fitting parts. The non-running Future Glue Gel has been especially formulated to cure faster than traditional instant adhesive gels. Both adhesive products will quickly bond certain plastics, plated surfaces and a variety of other application substrates.

PROPERTIES

Liquid State	FUTURE GLUE	FUTURE GEL
Base Chemical	Ethyl Hybrid Cyanoacrylate	
Color	Clear liquid	
Viscosity	Glue: 30-120 cps	Gel: 45-85,000 cps
Flashpoint, COC, °F	185	
Vapor Pressure, mm Hg @ 70°C	8	
Specific Gravity (@ 25°C)	Glue: 1.06	Gel: 1.08
Soluble In:	Acetone, MEK, Nitromethane	

Cured State	FUTURE GLUE	FUTURE GEL
Temperature Range	-65°F to +180°F (-54°C to +82°C)	
Melting Point	368°F (187°C)	
Softening Point	303°F (151°C)	
Typical Gap, inches	Glue: .005	Gel: .020
Outgassing (@ 10-6mmHg, 720F)	0	
Elongation	<2	
Soluble In:	Pacer X-8 Debonder, Acetone, Nitromethane	
Tensile Shear Strength		
(psi, ASTM-D-1002)	Glue	Gel
Steel	2400	2800
Aluminum	1500	1500
ABS	SF*	SF*
Rigid PVC	SF*	SF*
Polycarbonate	SF*	SF*

* Substrate Failure

PRODUCT DATA SHEET

FUTURE GLUE AND FUTURE GEL

Page 2 of 2

APPLICATION AND CURE CHARACTERISTICS

For best results, use a minimal amount of adhesive. In general, one free falling drop covers one square inch of bond area. Fixture time and full cure rates are dependent upon temperature, relative humidity, bondline thickness and substrates being bonded. Pacer Accelerators can be used to promote quicker cures when necessary.

STORAGE AND SHELF LIFE

Refrigerate unopened cyanoacrylate for optimum results. Once opened, store in a cool, dry location. Stored under these conditions, a one-year shelf life can be expected.

SAFETY AND HANDLING PRECAUTIONS

Cyanoacrylate adhesives bond skin in seconds. In case of skin contact, flush with water. If skin becomes bonded, peel (not pull) apart after immersion in warm, soapy water. In case of eye or mouth contact, flush with water and get immediate medical attention. Use with adequate ventilation. Vapors can irritate eyes and mucous membranes. Symptoms disappear after removal of individual from vapors. For more information, refer to Material Safety Data Sheet available upon request.

In case of emergency, call CHEMTREC at (800) 424-9300 or call Pacer Technology (800) 538-3091 (outside CA only) or (909) 987-0550.

PRODUCT NUMBER: Future Glue - N50102 - .07 oz. carded tube
 Future Glue Gel - N50105 - .07 oz. carded tube
 Future Glue Brush-On – 15099 - 5g bottle

Rev 1 – 2016 kr

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