

Cyberbond

Cybercyl
805

TECHNICAL DATA SHEET

The Power of Adhesive Information
Cyberbond™

Cybercyl 805 is a methacrylate-based structural adhesive designed for bonding engineered thermoplastics, thermosets, composites, nylon, e-coat and metal together in any combination. Cybercyl 805 has exceptional durability and environmental resistance.

Physical Properties - Liquid

Base Compound	Modified Acrylic
Appearance	Cream colored
Viscosity	50,000 cPs
Flash Point	51°F
Shelf Life	6 months unopened
Gap Fill	.125"
Toxicity	Low to moderate; see MSDS
Mix Ratio	1:1
Working Time	15 - 18 minutes
Fixture Time	30 - 35 minutes
RoHS Compliant?	No

Physical Properties - Polymer (Cured)

Shore D Hardness	65-70
Tensile Shear Strength	4000 psi
Thermal Service Range	-67°F to 250°F
Elongation	5 - 15%
Chemical Resistance	Very good

General Instructions

Cybercyl 805 is a 1:1 meter-mix product for ease of application. Because of its excellent adhesion properties it can be used on as received metal surfaces including aluminum, stainless and plated steels and forms tough, high strength bonds without surface preparation.

Storage

Product should be stored in a cool dry place out of direct sunlight. Shelf life of this product is six month in original sealed container. Shelf life can be extended by refrigeration. Do not freeze.

Specifications and Approvals

None

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS)

Note

The data contained herein are furnished for information only and are believed to be reliable. Cyberbond L.L.C. cannot assume responsibility for the results obtained by others over whose method Cyberbond L.L.C. does not control. It is the user's responsibility to determine suitability for the product or of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, Cyberbond L.L.C. specifically disclaims all warranties of merchantability or fitness for a particular purpose arising from sale or use of Cyberbond L.L.C. products. Cyberbond L.L.C. specifically disclaims any liability for consequential or incidental damages of any kind, including loss of profits. The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Cyberbond L.L.C. patents which may cover such processes or compositions. We recommend that each prospective user test the proposed application to determine its suitability for the purpose intended prior to incorporating any product or application in its manufacturing process using the data as a guide.

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