

# DAPCO™ 3008N LOW DENSITY, SELF EXTINGUISHING HONEYCOMB FILLER

TECHNICAL DATA SHEET



## CYTEC

Delivering Technology Beyond  
Our Customers' Imagination™

### DESCRIPTION

DAPCO™ 3008N is a two-component, self-extinguishing epoxy filler formulated to meet aircraft fire-resistance and modern environmental requirements

### FEATURES & BENEFITS

- Cures at Room Temperature
- Excellent adhesion to metal, wood, and honeycomb core
- Very low water absorption
- Good chemical resistance, especially to aircraft fluids
- Can be nailed, threaded, countersunk, drilled, cut, etc. without cracking or chipping
- 100% solids
- Meets FAR 25.853 (60 second vertical ignition) requirements

### SUGGESTED APPLICATIONS

Commonly used for potting, stiffening, and edge filling in honeycomb core.

### CHARACTERISTICS

	PART A	PART B	MIXED
Color	White	Yellow	Lt. Yellow
Solids, %	100	100	100
Appearance	Viscous Paste	Viscous Liquid	Viscous Paste

### TYPICAL CURED PROPERTIES

Hardness	60	"D" per ASTM D224
Compression,	3,000	psi
Water absorption (24 hours)	0.4	%
Self-extinguishing time	5	seconds
Density	28 – 32	pounds per cubic foot
	0.45 – 0.51	grams per cubic centimeter

### PROCESSING

**MIX RATIO:** The recommended mix ratio for DAPCO™ 3008 is 100 parts "A" to 35 parts "B" by weight.

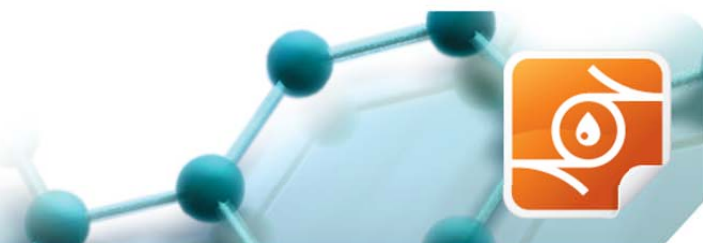
Thoroughly stir Part B separately before mixing with Part A.

Combine Part A and Part B and mix well until uniform in color.

**WORKING LIFE:** The pot life of DAPCO™ 3008 after mixing is 1 to 2 hours.

# DAPCO™ 3008N LOW DENSITY, SELF EXTINGUISHING HONEYCOMB FILLER

TECHNICAL DATA SHEET



**CURING:** DAPCO™ 3008 will cure to handling strength in 6 hours at 72°F. Fully cures in 72 hours at 72°F.

**ACCELERATED CURE:** Cure 1 hour at ambient conditions, followed by 2 hours at 160 °F.

## SURFACE PREPARATION

The substrates must be free from contaminants, i.e., dirt, oil, grease, etc. Clean the surface with a suitable solvent/cleaning agent and dry thoroughly. Mechanical roughening of the surfaces will often improve performance. For optimum adhesion to metallic substrates a BR® brand bonding primer may be used.

## STORAGE AND HANDLING

Store in a cool, dry place in the original containers; keep tightly sealed.

Shelf life: 12 months from date of shipment

## SAFETY

Exercise good housekeeping practices. Safety Data Sheets available upon request.

## CONTACT INFORMATION

### GLOBAL HEADQUARTERS

Tempe, Arizona  
*tel* 480.730.2000  
*fax* 480.730.2390

### NORTH AMERICA

Olean, New York  
*tel* 716.372.9650  
*fax* 716.372.1594

Winona, Minnesota  
*tel* 507.454.3611  
*fax* 507.452.8195

Greenville, Texas  
*tel* 903.457.8500  
*fax* 903.457.8598

Springfield, Massachusetts  
*tel* 1.800.253.4078  
*fax* 716.372.1594

Anaheim, California  
*tel* 714.630.9400  
*fax* 714.666.4345

Cytec Carbon Fibers LLC  
Piedmont, South Carolina  
*tel* 864.277.5720  
*fax* 864.299.9373

Havre de Grace, Maryland  
*tel* 410.939.1910  
*fax* 410.939.8100

Orange, California  
*tel* 714.639.2050  
*fax* 714.532.4096

D Aircraft Site  
Anaheim, California  
*tel* 714.632.8444  
*fax* 714.632.7164

### EUROPE AND ASIA

Wrexham, United Kingdom  
*tel* +44.1978.665200  
*fax* +44.1978.665222

Östringen, Germany  
*tel* +49.7523.934000  
*fax* +49.7523.934102

Shanghai, China  
*tel* +86.21.5746.8018  
*fax* +86.21.5746.8038

**DISCLAIMER:** The data and information provided in this document have been obtained from carefully controlled samples and are considered to be representative of the product described. Because the properties of this product can be significantly affected by the fabrication and testing techniques employed and since Cytec Engineered Materials (CEM) does not control the conditions under which its products are tested and used, CEM cannot guarantee that the properties provided will be obtained with other processes and equipment. CEM has the right to change any data or information when deemed appropriate.

Cytec Industries Inc. in its own name and on behalf of its affiliated companies (collectively, "Cytec") decline any liability with respect to the use made by anyone of the information contained herein. The information contained herein represents Cytec's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, regarding the accuracy, the completeness or relevance of the data set out herein). Cytec is the sole owner or authorized user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted for any specific use. The user or purchaser should perform its own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the user.

**TRADEMARK NOTICE:** The ® indicates a Registered Trademark in the United States and the ™ or \* indicates a Trademark in the United States. The mark may also be registered, the subject of an application for registration or a trademark in other countries.