



Product Catalog

THE FLAMEMASTER CORPORATION
13576 DESMOND STREET
PACOIMA, CA 91331-4510
818-890-1401
FAX 818-890-6001
WWW.FLAMEMASTER.COM



May 2013

**Flamemaster Corporation
Chem Seal, Dyna Therm, &
Flamemastic products catalog**

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Contact Us:

Flamemaster Corporation
13576 Desmond St.
Pacoima, CA 91331
USA
Phone - 818 890-1401
Fax - 818 890-6001
Email: sales@flamemaster.com

web site: www.flamemaster.com

Flamemaster has operated continuously for over seventy years.

Flamemaster operates a fully permitted facility for the formulation, compounding, and packaging of sealants, adhesives, and high temperature coatings for the aerospace industry. Flamemaster maintains a DOT permit to design and test packaging, meeting DOT, IATA, IMDG, as well as UN requirements for the transport of hazardous goods.

Flamemaster has formulating and compounding capabilities for polysulfide, polythioethers, Permapols, urethanes, epoxies, rubber base adhesives, as well as water based coatings.

Flamemaster currently holds many contracts to supply the US government (GSA). We supply sealants to many Aircraft builders such as Lockheed, Cessna, Boeing, Gulfstream, Bombardier, Canadair and many others. In addition, we supply after market equipment operators including Federal Express, US Air, and Continental Express.

We are financially strong with no corporate debt. We maintain long term licensing and supply agreements to insure our customers the availability of the latest technology as well as an uninterrupted source of supply.

Flamemaster's facility operates in full compliance with federal, state and local environmental regulations.

Flamemaster is both NADCAP (AS 7200) and ISO 9001/AS 9100 certified.

Flamemaster has been rated in the top 100 small businesses in Southern California.

Flamemaster's employee management audit teams have worked hard to give us what we believe is the best availability/delivery record in the industry.

We are a small business, locally managed and operated with a proven record of serving the aerospace community both nationally and internationally.



Flamemaster's facility is completely solar powered. The Company's decision to go "green" has enhanced the work environment and encourages employees and affiliates to do the same.

Flamemastic



Flamemastic 77 Electrical Cable Coating – Sprayable or Mastic

Protects electrical cables from fire and prevents propagation of fire on grouped electrical cables. Flamemastic is a unique product that represents a major development in the field of cable fire protection. The Flamemaster Corporation has solved problems of thermal protection since 1949 when the United States Army specified a Flamemaster product to protect the booster tubes of the Nike-Ajax missile. Drawing on these years of experience in the protection of missiles and missile launching facilities, the Flamemaster Corporation broadened its activities into general industrial fire protection.

The primary purpose of Flamemastic is to prevent the ignition of electric cable insulation and to stop the propagation of flame along the cable bundle.

How it works: While Flamemastic has been designed to offer very limited insulation at room temperature to minimize ampacity effects of cable, it does function as an effective heat insulator and fire barrier in the presence of fire. First, an ablative process, consisting of dehydration and other endothermic chemical reactions coupled with the formation of a carbonaceous char, reduces the heat transmission to the protected cable. Second, the carbon char and the inorganic components of the coating form a surface of high emissivity that results in the radiation of a significant amount of heat away from the protected cable. Thirdly, the fire retardant additives in Flamemastic form products in the fire which inhibit the combustion process and minimize the flammability of materials in the vicinity of the cables.

Both the Sprayable and the Mastic are Sold in 5-gallon pails – Coverage is from 10 to 12 square feet per gallon.

PRODUCT PACKAGING-

Chem Seal Products are available in the following kit sizes:

6 oz. 1/2 Pint Kits
12 oz. Pint Kits,
24 oz. Quart kits
96 oz. Gallon Kits
5-Gallon Pail Kits
55-Gallon Drum Kits
(3.5 oz.) 6 oz. Cartridges
(2 oz.) 2 1/2 oz. Cartridge

Exceptions:

CS 91, CS 3600, CS 7707,
CS 9903, CS 9960
Not available in Cartridges

CS 5306 is available in Cartridges ONLY.

Dyna Therm Products are available in:
Pints, Quarts, or Gallons.

Ordering and Payment Address:

Flamemaster Aerospace Corp.
13576 Desmond St.
Pacoima, CA 91331

You may also call direct to Flamemaster Corporation at
818 890-1401 or
fax to 818 890-6001

email:
sales@flamemaster.com