

**#477 IS A TWO COMPONENT,  
FIRE PROTECTIVE EPOXY  
COATING FOR INTERIOR,  
EXTERIOR, AND MARINE  
APPLICATIONS.  
MIL-C-46081-A**

#477 dries to a smooth semi-gloss finish that is highly durable and resistant to most chemicals.

#477 is formulated to meet military specifications and carries the Underwriters Laboratories certification for flame retardant products.

#477 is an ideal coating for aluminum, sheet metal, structural steel, plaster, wood or anywhere there is the need for a fire protective coating.

The coating is designed for use on naval and marine vessels, military and commercial aircraft, off-shore drilling rigs, fuel tanks and storage vessels, ammunition crates, missiles and warheads.

1425 Bayview Avenue, Suite 303  
Toronto, Ontario M4G 3A9

**1(800) 877-3473**

**1(877) 485-9003**

**Tel (416) 485-9000**

**Fax (416) 485-9002**

### SUGGESTED USES:

- Above water marine applications where fire protection is important
- Coating of rolling stock to increase thermal insulation properties under fire conditions
- Coating of wood structures to prevent flame spread
- Coating of areas where abrasion and chip resistance is of importance
- Coating of metal or wood substrates to improve thermal insulation under fire conditions

### NOT RECOMMENDED FOR:

- Immersion service
- Flexible substrates

### COMPATIBILITY WITH OTHER COATINGS:

Can be applied over a suitable primer, commercial solvent based coatings or other epoxy coatings.

### RESISTANCE:

Weather: Excellent  
Humidity: Excellent  
Chemical: Good  
Abrasion: Excellent

### RATINGS AND APPROVALS:

- Underwriters Laboratories of Canada  
ASTM-E-84-Class A
- Underwriters Laboratories, Inc.  
Marine Fire Retardant  
ASTM-E-84-Class A  
Suitable for all marine environments
- MIL-C-46081A
- U.S. Testing Report #47004
- DOT for Explosive Containers
- Oil Refineries, LTD, Pool Fire
- Southwest Research Institute  
NFPA 417-77, NFPA 417-73
- Yacht Safety Bureau
- Ontario Research Foundation
- United States Coast Guard
- Naval Air Engineering Center
- Wright-Patterson Air Force Materials  
Laboratory

- Cross References:  
NFPA 255, UL-723, UBC 42-1
- NFPA Life Safety Code Standard  
No. 101

### SIGNIFICANT APPLICATIONS:

- U.S. Navy  
Trident Submarine Bulkheads  
ASTM-E-84-Class A
- Bombardier Aerospace  
MIL-C-46081A
- Virginia Electric Company  
Nuclear Power Plant Wood Structures  
ASTM-E-84-Class A
- Entergy Inc.  
Nuclear Power Plant Wood Structures  
ASTM-E-84-Class A
- Sundstrand Inc.  
Flight Recorders  
1/4 Hour Thermal Rating
- Oil Refineries, Ltd.  
LPG tanks  
1 Hour Fire Rating
- Supergas Ltd.  
LPG tanks  
1 Hour Fire Rating
- Israel Aircraft Industry  
Steel beam  
1/2 Hour Fire Rating
- 1984 Los Angeles Olympic Games  
Metal bleachers  
1/2 Hour Fire Rating
- Cirque du Soleil  
Metal floors