

Material Safety Data Sheet

FIREFREE Coatings, Inc.
580 Irwin Street, No. 1
San Rafael, CA 94901
www.firefree.com

Product: FireFree 88®
MSDS Revision No. 4
November 2007

For non-emergency information contact:

(888) 990-3388

Emergency:

(800) 424-9300 (Chemtrec USA)

(703) 527-3887 (Chemtrec Intl)

Section I Product Identification

Product: FireFree 88®
Product Class: Latex Intumescent Fire Retardant, Resistant Paint

National Paint and Coatings Association, Hazardous Material Identification System:

Health Hazard	See Section VI and IX for more information.
Flammability Hazard	0 - not considered flammable.
Reactivity Hazard	0 - minimal
Disposal Procedures	2 - Glasses, gloves and dust respirator if paint dust is anticipated in elevated concentrations. Application of wet paint should not present a health hazard.

Section II Hazardous Ingredients

NONE

Material Safety Data Sheet

FIREFREE Coatings, Inc.
580 Irwin Street, No. 1
San Rafael, CA 94901

Product: Fire Free 88
MSDS Revision No. 3

Page 2

This product contains pigments and other solids necessary to formulate an intumescent fire retardant paint. These materials may be dust hazards if; excessive quantities of cured paint is released into the air. Due to the anticipated surface coating thickness, it is unlikely that excessive exposures would occur. Work practices designed to subdue dust during paint removal, such as wet methods, would be prudent. Application of wet paint would not present such a hazard under normal application conditions. Spray application in confined areas may require special controls and use of personal protective equipment. An in can preservative has been added at levels not considered hazardous.

Section III Physical Data

Boiling Range:	212°F	Vapor Density:	Neutral
Evaporation Rate:	Slower than ether	Percent volatile:	48 to 50%
Density:	10.4-lbs/gallon	Water solubility:	miscible with water
VOC:	33 grams/litre		

Section IV Fire and Explosion Data

Flammability Classification:	Not regulated	Flash Point:	>250°F
Lower Explosive Limit:	N/A	Extinguishing Media:	N/A
Hazards of decomposition products:	None	Special Fire Protective Procedures:	None

Unusual Fire and Explosion Hazard:
Closed containers may explode due to internal pressure when exposed to extreme heat

Material Safety Data Sheet

FIREFREE Coatings, Inc.
580 Irwin Street, No. 1
San Rafael, CA 94901

Product: Fire Free 88
MSDS Revision No. 3

Page 3

Section V Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	May produce hazardous gases (carbon monoxide) if heated to very high temperatures

Section VI Health Hazard Information

Summary of risks: NONE

Section VII Spill, Leak and Disposal Procedures

Spill/Leak Procedures:

Ventilate area. Soak liquid into an absorbent and dispose of according to local, State and Federal regulations. If the paint cures and removal is attempted, dust may be released. Clean-up personnel should wear approved respiratory protection, gloves, and goggles to prevent irritation from contact and/or inhalation.

Waste management/Disposal:

This product does not exhibit any characteristics of a hazardous waste. Follow all local, state and Federal regulations for proper disposal.

Material Safety Data Sheet

FIREFREE Coatings, Inc.
580 Irwin Street, No. 1
San Rafael, CA 94901

Product: Fire Free 88
MSDS Revision No. 3

Page 4

Section VIII Special Information

Under normal application conditions, no special precautions or needs for personal protective equipment are anticipated. Exposure to this material should be limited to protect against irritation and inhalation. The use of personal protective equipment including goggles, gloves, respirators, long sleeve clothing and head covering may be recommended.

Respiratory Protection: Provide workers with NIOSH/MSHA-approved respirators in accordance with requirements.

Respiratory Type

Optional disposal respirator. Half-mask air purifying respirator equipped with high efficiency particulate air (HEPA) filter cartridge. Full face-piece air purifying respirator equipped with high efficiency particulate air (HEPA) filter cartridges or powered air purifying respirator with HEPA filter cartridges. Any supplied-air respirator operated in positive pressure mode.

SARA Title III information.

This product does not contain reportable quantities of substances listed under SARA Title III sections 302, 304, and 313.

DOT Class.

Not regulated.

Material Safety Data Sheet

FIREFREE Coatings, Inc.
580 Irwin Street, No. 1
San Rafael, CA 94901

Product: Fire Free 88
MSDS Revision No. 3

Page 5

Section IX Acronyms and Definitions Used in This MSDS

DOT: Department of Transportation
MSHA: Mine Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
SARA: Superfund Amendments and Reauthorization Act

Reasonable care has been taken in the preparation of the information contained in this document. FIREFREE Coatings, Inc., intends no warranties, makes no representation and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.