

3M Canada Company
 1840 Oxford Street East, Post Office Box 5757
 London, Ontario N6A 4T1
 Medical Emergency Telephone: (519) 451-2500, Ext. 2222
 Transportation Emergency Telephone (CANUTEC): (613) 996-6666

=====
 Material Safety Data Sheet
 =====

Document id : 06-7925-8 Issue date : 2006/03/20
 Version : 20.00 Supersedes date : 2005/08/25

Copyright, 1997, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Prepared by: Corporate Regulatory Services, 3M Canada Company
 Telephone: (800) 364-3577, Fax: (800) 603-7758, Web Site: www.3M.ca

 1 Product Identification

Tradename:

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60, PLENUM WRAP,
 PLENUM WRAP+, BULK, BOARD, STRIPS & DUCT WRAP 2X2

Product ID:

98-0400-2772-8	XE-1014-7245-6	XE-1014-7247-2	XE-1014-8084-8
XE-1014-8055-8	XE-1014-8085-5	XE-1014-8389-1	98-0400-2773-6
98-0400-2774-4	98-0400-2775-1	98-0400-2776-9	98-0400-2777-7
98-0400-2778-5	98-0400-2779-3	98-0400-2780-1	98-0400-2781-9
98-0400-2782-7	98-0400-2792-6	98-0400-2793-4	98-0400-2794-2
98-0400-2795-9	98-0400-2796-7	98-0400-2797-5	98-0400-2798-3
98-0400-2799-1	98-0400-2800-7	98-0400-2801-5	98-0400-2802-3
98-0400-2803-1	98-0400-2804-9	98-0400-2805-6	98-0400-2806-4
98-0400-2807-2	98-0400-2808-0	XE-1014-7267-0	98-0400-2955-9
98-0400-2904-7	98-0400-2997-1	98-0400-5228-8	98-0400-5227-0
98-0400-5353-4	98-0400-5354-2	98-0400-5355-9	98-0400-5356-7
98-0400-5368-2	98-0400-5369-0	98-0400-5370-8	98-0400-5371-6
98-0400-5258-5			

Intended Use of Product:

Fire Protection

Division:

SPECIFIED CONSTRUCTION PRODUCTS

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60,
 PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
 DUCT WRAP 2X2

Page 2 of 8

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
REFRACTORY CERAMIC FIBERS (RCF)	142844-00-6	95 - 100

Ingredient Statements:

The duct wrap is encapsulated within fiber-glass reinforced aluminum foil. Therefore, the likelihood of exposure to fibers is minimal as long as the foil covering remains intact.

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

3 Hazards Identification

Critical Hazards:

No data available.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

Instructions for Skin Contact:

Flush skin with large amounts of water. If irritation persists, get medical attention.

Instructions for Inhalation:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

Instructions for Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a physician.

5 Fire Fighting Measures

Flash point: Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not applicable

Suitable Extinguishing Media:

Non-combustible. Choose material suitable for surrounding fire.

Exposure Hazards during Fire:

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60,
PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
DUCT WRAP 2X2

Page 3 of 8

No data available.

Combustion Products from Fire:

None known.

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

NFPA: Health	1
NFPA: Fire	0
NFPA: Reactivity	0
NFPA: Unusual Reaction Hazard	none

Special Instructions:

Not applicable.

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

Spill Response:

Collect spilled material using a vacuum cleaner, such as the 3M Brand Model SV - 497 - AJM, with a High Efficiency Particulate Air (HEPA) filter. WARNING ! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Place in a closed container approved for transportation by appropriate authorities.

Methods for Disposal:

Dispose of waste product in a sanitary landfill.

7 Handling and Storage

Storage Requirements:

Avoid contact with water. Keep container closed when not in use.

Incompatible Materials:

hydrofluoric acid; Phosphoric acid; Strong alkali;

Ventilation:

No data available.

Fire Prevention:

Not applicable.

Use Instructions:

Vacuum only with HEPA filtered equipment. Do not use compressed air for cleanup.

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60,
PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
DUCT WRAP 2X2

Page 4 of 8

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact.

The following should be worn alone or in combination, as appropriate, to prevent eye contact: Safety glasses with side shields

Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Avoid breathing of dust.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

* 0 - 1.0 Fiber/cc : disposable dust respirator (optional).

1.0 - 5 Fiber/cc : half-face, air-purifying respirator with high-efficiency particulate air (HEPA) cartridges.

5 - 25 Fiber/cc : full-face, air-purifying respirator with HEPA cartridges or powered air-purifying respirator with HEPA cartridges.

> 25 Fiber/cc : full-face, positive-pressure supplied-air respirator.

UNKNOWN as a minimum, use half-face, air-purifying respirator with HEPA cartridges.

NOTE: The duct wrap is encapsulated within fiber-glass reinforced aluminum foil. Therefore, the likelihood of exposure to fibers is minimal as long as the foil covering remains intact.

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

Recommended Ventilation:

Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Ingredient Exposure Data

REFRACTORY CERAMIC FIBERS (RCF) (142844-00-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60,
PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
DUCT WRAP 2X2

Page 5 of 8

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

ACGIH: TWA as fibers \geq 5 μ m; 0.2 Fiber/cc (Table A2) Category:
CERAMIC FIBERS (AIRBORNE PARTICLES OF RESPIRABLE SIZE)

9 Physical and Chemical Properties

Physical form,Color,Odour:	wool-like material; White; Odourless;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	> 1760.0 C
Vapour pressure:	Not applicable
Water Solubility:	Not applicable
Specific gravity:	2.50 - 2.70 Water=1
Vapour density:	Not available
Volatile organic compounds:	0 %
Evaporation rate:	Not available
Viscosity:	Not applicable
Percent Volatile:	Not applicable

10 Stability and Reactivity

Conditions to Avoid:
None known.

Materials to Avoid:
hydrofluoric acid; Phosphoric acid; Strong alkali;

Hazardous Decomposition:
None known

Stability and Reactivity:
Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:
Mechanical eye irritation: Signs/symptoms can include pain, redness, tearing and corneal abrasion.

Effects from Skin Contact:
Mechanical skin irritation: Signs/symptoms can include abrasion, redness, pain, and itching.

Effects from Inhalation:
Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60, Page 6 of 8
PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
DUCT WRAP 2X2

and throat pain.

Effects from Ingestion:
Ingestion is not a likely route of exposure to this product.

Sensitization Information:
No data available.

Carcinogenicity:
WARNING: Contains a chemical which can cause cancer. (CERAMIC FIBERS) (NTP anticipated human carcinogen, IARC possible human carcinogen 2B, Calif. Proposition 65)

Mutagenicity:

No data available.
 Reproductive Effects:
 No data available.
 Component Based Information:
 No data available.
 Product Based Information:
 No data available.

12 Ecological Information

Environmental Data:
 Ecotoxicity Data:
 No data available.
 Ecofate Data:
 Other Effects and Information:
 Since regulations vary, consult applicable regulations or
 authorities before disposal.

13 Disposal Considerations

Product as Sold:
 No data available.
 Product Packaging:
 No data available.
 Special Instructions:
 Since regulations vary, consult applicable regulations or
 authorities before disposal.

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60, Page 7 of 8
 PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
 DUCT WRAP 2X2

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification: Non-Regulated Material

International Dangerous Goods Classification

15 Regulatory Information

WHMIS Classification: Exempt (Manufactured Article)

NOTE:

This product has been classified in accordance with the hazard
 criteria of the Controlled Products Regulations (CPR) and the MSDS
 contains all the information required by the CPR.

Product Certifications:

This product is considered to be a manufactured article and

therefore the Canadian Inventory listing is not applicable.

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
WHMIS Classification change

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---

3M(TM) FIREMASTER(TM) BLANKET, DUCT WRAP, FP-60,
PLENUM WRAP, PLENUM WRAP+, BULK, BOARD, STRIPS &
DUCT WRAP 2X2

Page 8 of 8