

**EMSEAL CORPORATION LTD**

120 Carrier Drive  
Toronto, ON Canada M9W 5R1  
PH : 416-740-2090, FX : 416-740-0233



[www.emseal.com](http://www.emseal.com)

**EMSEAL JOINT SYSTEMS LTD**

25 Bridle Lane  
Westborough, MA 01581-1228  
PH: 508-836-0280, FX: 508-836-0281

**MATERIAL SAFETY DATA SHEET**

PRODUCT: DFR3

MSDS DATE: 2010/05/11

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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: DFR3

Manufacturer: EMSEAL CORPORATION  
Address: 120 Carrier Drive  
Toronto, Ontario, Canada  
M9W 5R1

Emergency Phone: 416-740-2090  
Fax: 416-740-0233

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**SECTION 2: COMPOSITION**

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EMSEAL DFR3 is composed of polyurethane foam impregnated with a proprietary fire retardant acrylic blend bonded to a fully cured silicone sealant on one face that is supplied in a variety of colors, and a fully cured, red in color, intumescent sealant on the other face.

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**SECTION 3: HAZARDS IDENTIFICATION**

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This product is not classified as hazardous when used as intended.

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**SECTION 4: FIRST AID MEASURES**

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EYES: Flush with water for at least 15 minutes, and call physician if problems persist.

SKIN: Product may leave a sticky residue, and mild irritation if prolonged exposure. Scrub with soapy water until adhesive is removed.

INGESTION: Do not eat – call physician if ingested.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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The material is non-flammable and cannot be easily ignited by open flame or by a source of smoldering ignition.

FLASH POINT: Unknown.

AUTO-IGNITION TEMPERATURE: Unknown.

EXTINGUISHING MEDIA: Large volumes of water, or ABC chemical may be appropriate for initial control or small volumes of impregnated foam.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon di/mon oxides will be formed as well as other noxious and toxic fumes upon combustion – do not breath combustion products.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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ACCIDENTAL RELEASE MEASURES: If material is unusable pick up pieces and dispose of in accordance with local regulations; material and all components are non-toxic and normal landfill will most often be acceptable.

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**SECTION 7: HANDLING AND STORAGE**

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HANDLING AND STORAGE: Store in original packaging below 35°C. There are no special handling instructions.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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RESPIRATORY PROTECTION: Not required

EYE PROTECTION: Not required

SKIN PROTECTION: gloves of any material are suitable if desired, but not required. No other protection is required.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE: Dark grey / charcoal colored foam and colored silicone with product identifying packaging.

ODOR: Slight characteristic odor.

PERCENT SOLIDS BY WEIGHT: 100%

PHYSICAL STATE: Solid

PERCENT VOLATILE: <1% wt/wt

Density: 0.4g/cm<sup>3</sup>

Decomposition: > 300°C

SOLUBILITY IN WATER: None

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**SECTION 10: STABILITY AND REACTIVITY**

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STABILITY: Stable under normal conditions – avoid temperatures in excess of 300°C, strong acids and bases, and open flame.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: Unknown.

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: Unknown.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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WASTE DISPOSAL METHOD: Usually may be disposed of in landfill; check with local regulations.

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**SECTION 14: TRANSPORT INFORMATION**

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Not hazardous – safe for non-hazardous shipping.

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**SECTION 15: REGULATORY INFORMATION**

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Unknown.

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**SECTION 16: OTHER INFORMATION**

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None.