



# SAFETY DATA SHEET

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| <b>1</b> | <b>IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING</b> |
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**Product name:** ThermFlex 1229

**Supplier:**

Federal-Mogul Corporation, Manchester International  
Office Centre  
Styal Road, Manchester M22 5TN  
England  
Tel: +44 (0) 161 955 5200  
Fax: +44 (0) 161 955 5204

**Emergency telephone:**

24hr EP (INFOTRAC): 1-800-535-5053  
International: (001) 352-323-3500

**Intended use:** Knitted basalt sleeve

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| <b>2</b> | <b>HAZARDS IDENTIFICATION</b> |
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This material is not considered to be hazardous according to regulatory guidelines (see Section 15). Used as intended, this product is not expected to generate potentially hazardous quantities of dust or fumes.

**Potential health effects**

**Inhalation:** Not relevant, due to the form of the product.

**Eye contact:** No adverse effects due to eye contact are expected.

**Skin contact:** No adverse effects due to skin contact are expected.

**Ingestion:** Not relevant, due to the form of the product.

**Other health effects:** Not relevant, due to the form of the product.

**Potential physical / chemical effects:** This product is not flammable.

**Environment:** The environmental hazard of the product is considered to be limited.

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| <b>3</b> | <b>COMPOSITION/INFORMATION ON INGREDIENTS</b> |
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**General information:** This product does not generate dust when used as intended.

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| <b>4</b> | <b>FIRST-AID MEASURES</b> |
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**Inhalation:** No specific first aid measures noted.

**Eye contact:** No specific first aid measures noted. However, immediately flush with plenty of water for at least 15 minutes.

**Skin contact:** No adverse effects due to skin contact.

**Ingestion:** No adverse effects due to ingestion are expected.

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| <b>5</b> | <b>FIRE-FIGHTING MEASURES</b> |
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**Extinguishing media:** This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**Inappropriate extinguishing media:** None.

**Special fire fighting procedures:** Use standard firefighting procedures and consider the hazards of other involved materials.

**Unusual fire & explosion hazards:** None

**Hazardous combustion products:** None

**Protective measures:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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| <b>6</b> | <b>ACCIDENTAL RELEASE MEASURES</b> |
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**Personal precautions:** Used as intended, this product is not expected to generate potentially hazardous quantities of dust or fumes. See Section 8 for personal protective equipment.

**Spill cleanup methods:** Collect and dispose of spillage as indicated in section 13.

**Environmental precautions:** No specific precautions.

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| <b>7</b> | <b>HANDLING AND STORAGE</b> |
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**Handling:** Normal handling and use of this product should not generate dust or fumes. The intended use of this product does not include its milling, grinding or saw cutting. Observe good industrial hygiene practices.

**Storage:** Store in closed original container in a dry place. Store away from incompatible materials.

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| <b>8</b> | <b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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**Exposure limit values:** No exposure limits noted for ingredient(s).

**Engineering controls:** Used as intended, this product is not expected to generate potentially hazardous quantities of dust or fumes. No special control measures are required for the normal handling and dispensing of this medication.

**Respiratory protection:** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**Eye protection:** No special precautions.

**Hand protection:** It is a good industrial hygiene practice to minimise skin contact.

**Skin protection:** No skin protection is ordinarily required under normal conditions of use.

**Hygiene measures:** Wash hands after contact.

**9****PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Textile Sleaving

**Colour:** Brown

**Odour:** No data available.

**Odour threshold:** No data available.

**pH:** Not applicable

**Melting point:** No data available.

**Freezing point:** No data available.

**Boiling Point:** Not applicable

**Relative density:** No data available.

**Vapour pressure:** Not applicable

**Vapour density (air=1):** Not applicable

**Evaporation rate:** Not applicable

**Solubility in water:** Not applicable

**Solubility (other):** No data available.

**Partition coefficient (n-octanol/water):** Not applicable

**Viscosity:** Not applicable

**Volatile organic compounds (VOC):** Not applicable

**Flash point:** Not applicable

**Autoignition temperature:** No data available.

**Flammability limit - lower(%):** Not applicable

**Flammability limit - upper (%):** Not applicable

**Explosive properties:** No data available

**10****STABILITY AND REACTIVITY**

**Stability:** Stable under normal temperature conditions and recommended use.

**Conditions to avoid:** No special precautions.

**Incompatible materials:** No data available.

**Hazardous decomposition products:**

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| At elevated temperatures: | None |
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**Possibility of hazardous reactions:** Will not occur.

**11****TOXICOLOGICAL INFORMATION**

**Inhalation:** Not relevant, due to the form of the product.

**Eye contact:** No adverse effects due to eye contact are expected.

**Skin contact:** No adverse effects due to skin contact are expected.

**Ingestion:** Not relevant, due to the form of the product.

**Sensitisation:** No data available.

**Listed carcinogens:** None

**Mutagenesis:** No data available.

**Reproductive toxicity:** No data available.

**Other effects:** Not relevant, due to the form of the product.

**12****ECOLOGICAL INFORMATION**

**Ecotoxicity:** The product is not expected to be hazardous to the environment.

**Mobility:** Not relevant, due to the form of the product.

**Persistence and degradability:** Not relevant.

**Bioaccumulation potential:** Not relevant.

**13****DISPOSAL CONSIDERATIONS**

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal methods:** Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

**European waste codes**

**Unused product:** 16 03 04

**14****TRANSPORT INFORMATION**

**ADR/RID** Not regulated.

**IMDG** Not regulated.

**IATA** Not regulated.

**15****REGULATORY INFORMATION**

The product has not been classified as dangerous according to the legislation in force.

**16****OTHER INFORMATION**

**Wording of the R-phrases in sections 2 and 3:** None

**This MSDS contains revisions in the following section(s):** 9, 16.

**Inventory status:** All ingredients are either listed or exempt from listing on EINECS/ELINCS.

**Issue date:** 16-Apr-2012

**Supersedes date:** 29-Mar-2012

**SDS No.:** ThermFlex 1229\_UK

**Disclaimer:** The information provided on this data sheet was abstracted from supplier safety data sheets and standard references in occupational health and toxicology. Federal-Mogul makes no representation or warranty with respect to the information obtained from such references. The information is however, as of the date provided, true and accurate to the best of Federal-Mogul's knowledge, and should be used to make an independent determination of the methods to safeguard workers and the environment.