



SAFETY DATA SHEET – SFT80/SFT90

Section 1 – Company Information

Supplier Name: AMEC Thermasol

Supplier Address: 1-2 Steam Mill Lane, Great Yarmouth, Norfolk, NR31 0HP, United Kingdom

Telephone Number: +44 (0)1493 668622

Product Name and Description: SFT80/SFT90 - Thermal conductive film for thermal management use.

Section 2 – Hazards Identification

Classification of substance or mixture: No classification

Label elements: The product does not require hazard warning label in accordance with regulation CLP.

Human health danger: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or commission regulation (EU) 2018/605 at levels of 0.1% or higher.

Environmental hazards: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or commission regulation (EU) 2018/605 at levels of 0.1% or higher. This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio accumulative.

Section 3 – Composition/information on ingredients

Substances: Not applicable

Mixture: The product is a mixture.

The contained dangerous materials are not freely available with foreseeable use.

Section 4 – First Aid Measures

General Information: Take off contaminated clothing and wash before use.

Skin Contact: When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

Inhalation: Ensure supply of fresh air. In the event of symptoms seek medical treatment.



Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. If eye irritation persists get medical advice/attention.

Ingestion: Seek medical advice immediately. Rinse out mouth and give plenty of water to drink.

Most important symptoms and effects, both acute and delayed: None known

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5 - Fire-fighting measures

Suitable extinguishing media: foam, dry powder, water spray jet.

Extinguishing media that must not be used: Full water jet

Special hazards arising from the substance or mixture: Risk of formation of toxic pyrolysis products.

Advice for firefighters: Use self-contained breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

Section 6 – Accidental release measures

Personal precautions, protective equipment and emergency procedures: Some risk of slipping due to spillage of product. Wear suitable protective equipment. For personal protection see Section 8.

Environmental precautions: Do not discharge into the drains/surface water/groundwater.

Methods and materials for containment and cleaning up: Take up mechanically.

Section 7 – Handling and storage

Precautions for safe handling: Avoid contact with eyes and skin. Use personal protective equipment. Wash hands before breaks and after work. Use barrier skin cream.

Conditions for safe storage, including any incompatibilities: Keep only in original packaging. Store in a dry place.

Specified Use: As per Section 1.

Section 8 – Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored (GB/EU): Not relevant

Additional advice on system design: Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFAs list of hazardous substances.

Eye Protection: Safety glasses (EN 166:2001)

Hand Protection: 0.4mm: Butyl rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.

Skin Protection: Not required under normal conditions.

Other: Avoid contact with eyes and skin.

Respiratory protection: Not required under normal conditions.

Thermal hazards: Not applicable

Delimitation and monitoring of the environmental exposition: Comply with applicable environmental regulations limiting discharge to air, water and soil.

Section 9: Physical/Chemical Properties

Information on basic physical and chemical properties:

Physical State: Liquid

Form: Sheet

Colour: Light Blue

Odor: Characteristic

Odour Threshold: n/a

PH value: n/a

PH value (1%): n/a

Boiling Point (°C): n/a

Flash Point (°C): ca.270

Flammability: >400

Lower Explosion Limit: n/a

Upper Explosion Limit: n/a

Oxidising Properties: no

Vapour pressure/gas pressure (kPa): no information

Density (g/cm³): 2.2

Relative Density: no information

Bulk Density (kg/m³): n/a

Solubility in water: Insoluble

Solubility with other solvents: no information

Partition coefficient (n-octanol/water): n/a

Kinematic viscosity: 110-150 Pas

Relative vapour density: no information

Evaporation speed: no information

Auto-ignition temperature (°C): no information

Decomposition temperature (°C): >350

Particle characteristics: not relevant

Other Information: Operation Temperature: -40°C to +150°C

Section 10: Stability and Reactivity

Reactivity: No dangerous reactions known if used as directed.

Chemical Stability: The product is stable under standard conditions.

Possibility of hazardous reactions: Reactions with strong oxidizing agents.

Conditions to avoid: Strong heating

Incompatible materials: No information available

Section 11 – Toxicological Information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity: Based on the available information, the classification criteria is not fulfilled.

Acute dermal toxicity: Based on the available information, the classification criteria is not fulfilled.

Acute inhalational toxicity: Based on the available information, the classification criteria is not fulfilled.

Serious eye damage/irritation: Based on the available information, the classification criteria is not fulfilled.

Skin corrosion/irritation: Based on the available information, the classification criteria is not fulfilled.

Respiratory or skin sensitisation: Based on the available information, the classification criteria is not fulfilled.

Specific target organ toxicity (single exposure): Based on the available information, the classification criteria is not fulfilled.

Specific target organ toxicity (repeated exposure): Based on the available information, the classification criteria is not fulfilled.

Mutagenicity: Based on the available information, the classification criteria is not fulfilled.

Reproduction toxicity: Based on the available information, the classification criteria is not fulfilled.

Carcinogenicity: Based on the available information, the classification criteria is not fulfilled.

Aspiration hazard: Based on the available information, the classification criteria is not fulfilled.

General remarks: Toxicological data of complete product are not available.

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article (57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other Information: None

Section 12 – Ecological Information

Behaviour in environment compartments: No information available.

Behaviour in sewage plant: No information available.

Biological degradability: The organic component of the product is non-biodegradable.

Bio-accumulative potential: No information available.

Mobility in soil: No information available

Results of PBT and vPvB assessment: Do not classify as PBT or vPvB.

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other adverse effects: Ecological data of complete product is not available.

Section 13 – Disposal considerations

Waste treatment methods: Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it used by the customer. The waste code is to be determined within the EU in liaison with the waste disposal operator.

Waste No (recommended): 070217

Contaminated packaging: Uncontaminated packaging may be taken for recycling.

Waste No (recommended): 150102

Section 14 – Transport Information

Transport by land according to ADR/RID: N/A

Inland Navigation (ADN): N/A

Marine Transport in accordance with IMDG: N/A

Air transport in accordance with IATA: N/A

Transport by land according to ADR/RID: not dangerous

Inland navigation (ADN): not dangerous

Marine transport in accordance with IMDG: Not classified as dangerous goods

Air transport in accordance with IATA: Not classified as dangerous goods

Transport by land according to ADR/RID: not applicable

Inland navigation (ADN): not applicable

Marine transport in accordance with IMDG: not applicable

Air transport in accordance with IATA: not applicable

Transport by land according to ADR/RID: not applicable

Inland navigation (ADN): not applicable

Marine transport in accordance with IMDG: not applicable

Air transport in accordance with IATA: not applicable.

Section 15 – Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

EEC-Regulations: 2008/98/EC, 2000/532/EC, 2010/75/EU, 2004/42/EC, (EC) 648/2004, (EC) 1907/2006 (REACH, (EU) 1272/2008, 75/234/EEC, (EC) 2016/2037, (EU) 2020/878, (EU) 2016/131, (EU) 517/2014

Substance of Very High Concern – SVHC: substances are not contained or are below 0.1%

Annex XIV (REACH) – According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are subject to authorization.

Annex XIV (REACH) – According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are restricted.

Transport Regulations: ADR (2023), IMDG Code (2023, 41 Amdt), IATA-DGR (2023)

National Regulations (GB): EH40/2005 workplace exposure limits (Second edition, published December 2011). UK REACH GB CLP.



Observe employment restrictions for people: none

VOC (2010/75/CE): 0%

Chemical safety assessment: n/a