

# Technical Engineering Services Ltd

## Material Safety Data Sheet

### PRODUCT AND COMPANY IDENTIFICATION

Product: This product is converted and Supplied by:-

Technical Engineering Services Ltd  
Unit 2,  
East Field Mills, Tel: 01422 383940  
Belmont Street,  
Halifax, Fax: 01422 431521  
HX3 6AT

### MATERIAL COMPOSITION

This material is a woven glass fibre textile coated with polytetrafluoroethylene (PTFE).

Composition: Substrate: E Glass is woven glass fibre textile which has the following Ingredients, Oxides of silicone, aluminium, calcium, boron and magnesium fused in an amorphous, vitreous state.

Coating: Polytetrafluoroethylene.

### HAZARD IDENTIFICATION

Potential Health Effects:

Ingestion: Not Applicable.

Skin Contact: May cause temporary irritation or rash to people with sensitive skin. **Always wash hands thoroughly after handling PTFE coated fabrics before handling tobacco products.**

Inhalation: Avoid inhaling fine dust particles or fumes which may cause fume fever which is a temporary flu like illness which lasts up to 48 hours but has no lasting side effects.

### FIRST AID MEASURES

Skin: If inflammation of skin occurs wash affected area thoroughly with soap and water. If inflammation persists seek medical advice.

Eyes: Flush eyes with copious amounts of water for 15mins. If irritation persists seek medical advice.

Inhalation: Remove to fresh air. If necessary drink water to clear throat. If symptoms persist seek medical advice.

Ingestion: Do not induce vomiting. If irritation persists seek medical advice.

## **FIRE FIGHTING MEASURES**

Extinguishing media: Use media suitable for the surrounding fire.

Special procedures: Self contained breathing apparatus with full face mask.

## **ACCIDENTAL RELEASE MEASURES**

Action to be taken if spilled or released: Sweep up materials to prevent slips/falls

## **HANDLING AND STORAGE**

Precaution to be taken in handling and storage

General: Store in a well ventilated area away from direct sunlight.

## **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Personal protective equipment:

Respiratory: Appropriate respiratory protection should be worn when machining this product.

Hand: Sensitive individuals may need to wear gloves when handling.

Eyes: Not Applicable.

Skin: Sensitive individuals may need to wear loose fitting long sleeved clothing when handling.

## **PHYSICAL AND CHEMICAL PROPERTIES**

Form: Coated Textile

Colour: Various

Odour: Odourless

Boiling point: Not applicable

Flash point: Not applicable

Melting point: 340°C

Auto ignition temp: Not applicable

## **STABILITY AND REACTIVITY**

Hazardous thermal decomposition/Combustion products:

Above 380°C a range of highly toxic and corrosive products start to be given off. The rate of emissions increase with increased temperature and the decomposition products include:-

Hydrogen Fluoride, Tetrafluoroethylene, Carbonyl Fluoride, Hexafluoropropene, Perfluoroisobutene and Fluorosilicates.

Incompatibility material to avoid: Molten alkali materials and Interhalogen compounds.

Conditions to avoid: None Known.

## **TOXOLOGICAL INFORMATION**

Inhalation: High concentrations of dust from machining this product may aggravate pre-existing respiratory problems and lung diseases.

Skin contact: May cause skin irritation when handling

Eye contact: May cause irritation.

Ingestion: Low oral toxicity. Unlikely to be hazardous if swallowed.

Acute health effects: The E glass substrate may be a mechanical irritant to eyes, skin and upper respiratory tract

Chronic health effects: None Known.

## **ECOLOGICAL INFORMATION**

PTFE glass products are not readily biodegradable. No known harmful effects on the environment.

## **WASTE DISPOSAL**

Disposal consideration: This product should be sent to a land fill site. Alternatively, it may be incinerated under controlled conditions above 800°C using a scrubber to remove HF.

## **TRANSPORT INFORMATION**

No special requirements.

## **REGULATORY INFORMATION**

Not classified as dangerous for supply or use.