



SDIS LAM/02

Date of Issue : 7th March 2021

## SAFETY DATA INFORMATION SHEET

### GARADRY GARAGE DOOR INSULATION

#### **Section 1. Identification of the substance/ and of the company/undertaking**

Film/Fibre Insulation Laminate

GaraDry Ltd  
Units 16-18  
17 Summerwood Lane  
Halsall, Ormskirk  
Lancashire, L39 8RG

Telephone: +44(0)1704 532360  
e-mail: sales@garadry.co.uk  
Web: www.garadry.com

#### **Section 2 : Composition/information on ingredients**

Chemical Characterisation : PET Polyester Film/Wadding/Film composite, laminated by adhesive

CAS No: N/A

#### **Section 3 : Hazards identification**

Unlikely to cause harmful effects under normal conditions of handling and use. The product is not classified as a hazardous substance under EU criteria. However, formation of dense toxic smoke containing CO<sub>2</sub> and CO can be expected in uncontrolled fires.

#### **Section 4 : First aid measures**

Skin contact : Not considered significant in normal use. In a fire, molten drops may adhere to skin, cool under water, do not peel off, seek medical advice..  
Ingestion : Unlikely. Obtain medical advice if this occurs, product is not considered toxic.  
Eye Contact : In case of eye contact, rinse immediately with plenty of water and seek medical advice.  
Inhalation : Isolate patient from further exposure. Obtain medical attention if ill effects occur.

#### **Section 5 : Fire fighting measures**

Extinguishing media : Water (spray preferred), CO<sub>2</sub>, Foam, Dry Powder, Sand.  
Extinguishing media to avoid : None.  
Protective equipment : Self contained breathing apparatus is essential.  
Unusual fire hazards : Uncontrolled burning can generate toxic fumes.

#### **Section 6 : Accidental release measures**

No special measures are required, but for disposal measures, see Section 13.

#### **Section 7 : Handling and storage**

Store indoors at ambient temperatures away from heat and ignition sources.  
Be aware that metallised films can conduct electricity.

#### **Section 8 : Exposure controls/personal protection**

None necessary. Normal room ventilation should suffice

## Section 9 : Physical and chemical properties

Form :	Sheets/rolls of laminate.	Density :	(water=1) <0.1
Colour :	Clear/silver/gold with a white core.	Solubility in water :	Insoluble.
Odour :	May have slight odour when unpacked.	Ignition Temperature :	>180°C

## Section 10 : Stability, Reactivity and Flammability

Flammability, as a measure of ease of ignition, is usually applied to liquids, where it can be readily determined and quantified in terms of flashpoint. Laminates however are considered solid textiles, so the term combustibility is better suited. All natural, and the majority of synthetic textiles, even flame retardant, are combustible. The comparative combustibility of the laminate is approximately midway between woven cotton and nylon textiles of similar weight.

Thermal decomposition will occur by exposure to incandescent radiant heat sources and/or high temperatures (>180°C). Exposure to open flames will cause ignition. In the above scenarios, both smoke and hazardous gaseous products are evolved. Whilst these consist mainly CO<sub>2</sub>, CO and some soot, sufficient other substances present render the gaseous decomposition products toxic by inhalation.

Hazardous reactions do not occur at temperatures encountered during normal usage.

Exposure of the product to acids, alkalis, solvents or bleaches should be avoided.

## Section 11 : Toxicological Information

LD50 oral. rat :	n/a
Effect on eyes :	Mechanical irritation only.
Effect on skin :	None in normal individuals. The product is not considered to be allergenic.
Long term exposure:	No evidence of adverse effects.

## Section 12 : Ecological Information

In the aquatic environment, polyester laminates will present few problems due to insolubility. In the soil environment, long term hydrolysis aided by natural bacteria and fungi should ensure degradation.

## Section 13 ; Disposal Considerations

Collect waste in bags/bins, store safely. The preferred recycling method is incineration with energy recovery. If this or other forms of recycling are not possible, waste can be disposed of at licensed landfill sites.

Advice on the preferred method should be sought from the local Waste Regulation Authority or an equivalent body if outside the UK.

## Section 14 : Transport information

The product is not classified as hazardous for any mode of transportation under current UK/EU/UN regulations.

## Section 15 : Regulatory Information

The product is compliant with the REACH legislation, with respect to SVHC's, and as defined by the legislation as an "Article", is exempt from REACH registration. It is also compliant with the Montreal Protocol and current RoHS requirements.

No labelling is currently required for this material by the Classification, Packaging and Labelling of Dangerous Substances Regulations 1984 and corresponding EC/EU/UN directives.

## Section 16 : Other Information

Further and more specific information on the above products may be obtained by contacting the manufacturer at the address above.

#### Disclaimer

The information provided in this Material Data Information Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.