

Company:	Donit Tesnit d.o.o. Cesta Komandanta Staneta 38, Medvode, Slovenija		
Trade name:	Doniflex GLD		
Issue date:	23.7.2009	Issue no.:	2
Authorised by:	F. Velkavrh		

1 Identification

1.1	Product:	Doniflex GLD
1.2	Application of the product	Gasket material for the application in flanged joints
1.3	Manufacturer:	Donit Tesnit d.o.o.
	Company address:	Cesta kom. Staneta 38, 1215 Medvode, Slovenija
	Telephone:	+386 (0)1 58 23 320
	Telefax:	+386 (0)1 58 23 224
1.4	Emergency telephone number:	+386 (0)1 58 23 320

2 Hazards identification

In its form as supplied, the product has no known hazards.

3 Information on ingredients

Product description:	Composite material based on fibres, fillers and elastomeric binder.
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Ingredients:

CAS-Nr.	description	toxicity	MEL
9003-18-3	<i>Elastomer NBR</i>	<i>non-toxic</i>	n.a.
7782-42-5	<i>Graphite</i>	<i>non-toxic</i>	2.5 mg/m ³ , respirable
26125-61-1	<i>Aramid fibre</i>	<i>non-toxic</i>	2 fibrils/cc – 8h, TWA = AEL* (DuPont)
112926-008	<i>Precipitated silica</i>	<i>non-toxic</i>	0.1 mg/m ³ , respirable

AEL* is DuPont's Acceptable Exposure Limit.

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4 First-aid measures

General:	Intensive machining of the product may release coarse and fine dust (see point 3).
On aspiration:	If large amounts of fumes, dust or fibres are inhaled, remove to fresh air. If breathing is difficult, give oxygen and call a physician. If persistent cough or other symptoms develop, get medical attention.
On skin irritation:	Wash with water and soap. If irritation persists, seek medical advice.
On contact with eyes:	Treat particles in the same way as other foreign bodies, rinse thoroughly with water and seek medical advice.
On swallowing:	n.a.
Information for the physician:	n.a.

5 Fire-fighting measures

Suitable extinguishing media:	Water, foam, carbon dioxide or dry powder.
Extinguishing media which must not be used for safety reasons:	not known.
Combustion products:	Thermal decomposition or combustion may produce dense smoke, oxides of carbon, and low molecular weight organic compounds whose composition has not been characterized.
Special protective equipment for fire-fighters:	Material in or near fires should be cooled with a water spray or fog. A self-contained breathing apparatus, operating in the positive pressure mode, and full fire fighting protective clothing should be worn for combative fires.

6 Accidental release measures

Humans:	see point 8.
Environment:	n.a.
Cleaning:	n.a.

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7 Handling and storage

7.1	Safe handling	
	General:	<i>Local regulations may apply.</i> Keep work areas clean.
	Good working practice:	Cutting, water-jet cutting
	The following working practices may generate higher levels of dust and should be avoided unless additional technical measures are installed:	Grinding, milling, turning, drilling, sawing, sanding
	Technical measures:	In case dust is released, extract ventilation with micro particle filter.
	Fire and explosion protection:	Product burns only if intensive fire is applied.
	For cleaning:	Use vacuum cleaner equipped with micro particle filter.
7.2	Storage	
	Ideal storage condition:	25 °C, 50-60 % rel. humidity, no direct sunlight.

8 Exposure controls/personal protection

	General dust limit:	<i>Local regulations may apply.</i>
8.3	Personal protection	
	Under good working practices (see 7.1):	No specific personal protection is needed.
	When higher levels of dust may be generated:	
	Respiratory protection:	With dust development and in confined spaces, use disposable facemasks complying with EN 149 FFP1 or FFP2.
	Hand protection:	Wear suitable gloves.
	Eye protection:	As generally good practice, glasses should be worn.
	Skin protection:	Wear loose fitting, long-sleeved, long-legged, closed work clothes (e.g. overalls). Change clothes and wash on completing work.
	Hygiene measures:	On completion of work rinse off dust. Never use compressed air.

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9 Physical and chemical properties

Appearance:	Solid material in sheet form.
Odour:	slight rubber odour possible
pH value:	n.a.
Boiling point:	n.a.
Melting point:	n.a.
Flash point:	n.a.
Decomposition:	Release of small fume quantities, starting at about 150°C
Flammability:	Product burns only if intensive fire is applied.
Explosive properties:	n.a.
Vapour pressure:	n.a.
Density	1.0 – 1.2 g/cm ³
Solubility in water:	not soluble

10 Stability and reactivity

Conditions to be avoided:	Use the materials only within the limits specified in the technical data sheets.
Degradation products:	At high temperatures, release of the organic components typical for decomposition of rubber and paraaramid fibres. There may be others unknown to use. (see also point 5)

11 Toxicological information

see point 3

12 Ecological information

Stable product with no known adverse environmental effects.

13 Disposal considerations

13.1 Product	<i>Local regulations may apply.</i>
13.2 Packing material:	<i>Local regulations may apply.</i>

14 Transport information

No special precautions required.

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15 Regulatory information

EU classification:	The product is not classified.
Labelling	The product is not classified and hence needs no labelling.

16 Further information

<p>The information contained herein is based upon current data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished as a guide only and upon the conditions that the person receiving it shall make tests to determine the accuracy and suitability for his or her own purpose.</p>
