

# Clip-on gasket

## Material safety data sheet

### 1. Identification of substance

#### Product details:

Product name:	Clip-on gasket
Partnumber:	6500 F + W series
Manufacturer/Supplier:	Holland Shielding Systems BV
Revised	19-06-2014
Revised by	Christian van Vugt

#### Application of the substance/the preparation

### 2. Material basis and content (for reference)

#### 2.1 Gasket

Steel alloy	87% - 94%
Carbon	7440-44-0 0.09%
Manganese	7439-96-5 0.35%
Chromium	7440-47-3 0.04%
Copper	7440-50-8 0.08%
Nickel	7440-02-0 0.04%
Silicon	7440-21-3 0.11%
Iron	7439-89-6 99.25%

Polyester Yarn	6% - 13%
Polyethylene Terephthalate	25038-59-9 99%

Finish and Pigments	1%
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<b>Polypropylene Yarn</b>	<b>6% - 13%</b>
Polypropylene homopolymer (CAS No. 9003-07-0)	25038-59-9 99%

#### For galvanised wire

Zinc coating ; 25 gr. / m <sup>2</sup> min.	Finish and pigments between 5 and 6%
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#### 2.2 Conductive textile

Component	Content percentage (%)
Polyester	65±5
Copper	20±2
Nickel	12±2

### 3. Hazard information

#### 3.1 Gasket

Under normal handling and use, exposure to products containing steel wire present few health hazards. Thermal cutting and welding may produce fumes, which does contain small amounts of Nickel and Chromium, which have been identified as potential human carcinogens.

#### 3.2 Conductive textile

The most hazards and effects	No harm
Health hazards effects	Someone will feel skin problems if under long time contact
Environmental hazards	-
Physical and chemical hazards	Without physical and chemical composition
Special hazards	No
Cardinal symptoms	During normal operating, single exposure will not cause remarkable symptoms
The article harm classification	Don't be classified as hazardous articles

## 4. First aid measures

### 4.1 Gasket

Product is not toxic. Normal first aid practices should be employed. For ingestion and eye injury consult a doctor. Prolonged inhalation of dense dust may cause irritation

### 4.2 Conductive textile

Inhalation	Safe
Skin contact	Clean the skin thoroughly before meals or finish work
Eye contact	Immediately lift the eyelid with large flows of water
Eat	-
Protections for First-aid person	No
Suggestion for doctors	No

## 5. Fire precautions and measures

### 5.1 Gasket

Product is self-extinguishing. For polypropylene, principal toxicant in the smoke is carbon monoxide.

### 5.2 Conductive textile

Suitable first extinguishing agent	Carbon dioxide, chemistry dry powder, foam
Possible dangerous when outfire	No
Special outfire process	1. Move the container out of fire 2. Using the water mist to put out the fire is invalid, but can use it to cool the container exposure in the fire 3. Firemen should wear chemical protective clothing and a positive pressure air breathing apparatus (portable air mask)
Special protection accouter for firemen	Comprehensive cover, respiratory protective devices, acid proof gloves, protective clothing

## 6. Leakage handling measures

Wear protective gloves to prevent puncture of skin. Product can be picked up using normal housekeeping equipment.

Personal attention matters	Avoid eye contact and inhalation
Environment attention matters	-
Clear methods	Incineration of safety buries

## 7. Safety treatments and store methods

Stored in a cool dry well ventilated place, avoid direct sunshine. Using within two year will have the best effect.

Protect from moisture and crash, not to be packed under heavy cargo during transportation.

## 8. Exposure protection measures

### 8.1 Gasket

Customary personal hygiene measures, such as washing hands after working with such material, are recommended. The use of safety gloves and glasses to prevent injury are also recommended.

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### 8.2 Conductive textile

Engineering control	None
Personal protect measures	-
Respiratory protection	No
Hand protection	No
Eye protection	No
Skin and body protection	Clean the skin thoroughly before meals or finish work
Health measure	Wear work clothes

## 9. Physical and chemical information

### 9.1 Gasket

Appearance	White and/or black yarn with gray steel wire woven through many yarns
Odor	No noticeably unpleasant odors
Solubility	Product is not soluble in water

### 9.2 Conductive textile

State	Solid	Solubility	None
Color	Gray	Decomposing temperature	About 200°C
Appearance	Cloth	Self-igniting temperature	>250°C
Odor	None	-	-

## 10. Safety and reactivity

### 10.1 Gasket

This product is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis.

### 10.2 Conductive textile

Stability	Very stable
Dangerous reactivity under special status	None
Conditions to be avoided	Avoid water, moisture and contact moist air
Matters to be avoided	Avoid water, moisture and moist air
Resolvability	None

## 11. Toxicity documents

### 11.1 Gasket

This product is safe, non-toxic and will not harm the environment if handled and disposed in a responsible manner. Result of the suppliers Toxicity studies suggest that synthetic yarn and steel wire would pose no significant health problems under normal conditions of handling and use.

## 11.2 Conductive textile

Acute toxicity	
Inhalation	No
Skin	No
Eye	No
Partial effects	No
Sensitizing	Someone will feel skin problems if under long time contact
Chronic toxicity or long-term toxicity	No
Special effects	No

## 12. Environment effects

### 12.1 Gasket

This product is safe, non-toxic and will not harm the environment if handled and disposed of in a responsible manner. Recycling is a preferred way to incineration and land filling.

### 12.2 Conductive textile

Can't indicate the environment effects harmful effects.

## 13. Waste handling method

Handling the waste according to the local regulations.

## 14. Transportation documents

### 14.1 Gasket

This product is not classified by the Dept. of transportation as a hazardous material.

RTMR/ADR (truck transportation)

RTMDF/RID (rail transportation)

OMI/IMDG (boat transportation)

OACI/IATA (plane transportation)

### 14.2 Conductive textile

International transportation regulations	-
Domestic transportation regulations	-

## 15. Law documents

This product is not concerned by the CEE labelling (european community regulations).

## 16. Other documents

The above content is collected from currently data and edits. It's content, physical and chemical properties of dangerous and hazardous and other related matters are not adequate, so it still has the possibilities.

During the information operating, please do your own safety protect measures according to the actual status.