

**Bituminous membranes**FDS - Rev. 5  
20/12/2012**1. Identification****1.1. Identification of substance or preparation**

Plastomer-modified bituminous membranes(MORTERPLAS, MOPLAS, MOPLY, TEXAL, PLASTIFLEX, HIPER, SUPER). Elastomer-modified bituminous membranes (MORTERPLAS SBS, MOPLAS SBS, TEXSELF, MOFLEX).

**1.2. Use of the substance or preparation**

Bituminous membrane sheets for roofing.

**1.3. Company identification****TEXSA SYSTEMS SLU**

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**2. Composition/Information on the components****2.1. Identification of substance or preparation**

Bitumen, mineral fillers, polyolephines (polypropylene, ...), elastomers (SBS, ...), polyethylene, polyester, glass fibre and filler.

**2.2. a. Representative hazardous substances for health or environment**

None

**2.3. Substances declared as not classified as hazardous**

None

**3. Hazard identification****3.1. Main hazards**

Risk of burns during the application.

**3.2. Specific risks**

Prolonged exposure to fumes and vapour emanating during torch application of the product can, in certain cases, cause throat irritation, cough or nausea.

**4. First aid****Inhalation:**

Inhaling fumes cause irritation of the nose or throat or cough. Go out into fresh air.

**Skin contact:**

No risk at room temperature. In contact with hot material cool by water, and no separate it of the skin. Go to a medical center.

**Eye contact:**

Not applicable

**Ingestion:**

Not applicable

**5. Fire-fighting measures****5.1. Suitable extinguishing measures:**

Foams, dry chemical powder, carbon dioxide, sand and water sprinkler (mist).

**5.2. Extinguishing measures not to be used:**

In the case of big fires, do not use a water blast

**5.3. Special exposure risks:**

Formation of thick smoke. Exposure to decay products can entail health risks.

**5.4. Special protection equipment:**

Fire-fighting personnel must be equipped with independent, insulating breathing protection against smoke and decay products.

## 6. Measure to be taken in the case of accidental spillage

### 6.1. Individual precautions:

Not necessary.

### 6.2. Precautions for protection of the environment:

Not necessary.

### 6.3. Collection/cleaning methods:

Not require any special means of collection.

## 7. Handling and storage

### 7.1. Handling

No special precautions.

### 7.2. Storage

Stored in places protected from the sun and the weather. Avoid temperatures below 5°C, as well as over 35°C.

### 7.3. Specific uses

Do not store rolls without the protection packaging film.

## 8. Personal exposure/protection controls

### 8.1. Exposure limit values

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### 8.2. Exposure control

#### Respiratory protection:

During application, work in fresh air or in ventilated premises. A mask with filter is recommended.

#### Hand protection:

During application, gloves heat-resistant.

#### Eye protection:

Safety goggles and/or visors to avoid splashing are recommended during application.

#### Skin protection:

During application, protective creams for exposed parts of the skin can be used.

### 8.3. Environment exposure control

Not applicable

## 9. Physical and chemical properties

### 9.1. General

Appearance	Solid black rolls.
Odour	Characteristic.

### 9.2. Properties

Property	Value	Complementary data
pH	Not applicable	--
Melting point	> 90°C	--
Boiling point	Not applicable	--
Flash point	> 230°C	--
Ignition temp.	> 400°C	--
Explosion hazard	Not applicable	--
Vapour pressure	Not applicable	--
Relative density	0,95 - 1,30 g/cm <sup>3</sup>	--
Water solubility	Insoluble	--
Liposolubility / Fat-so	Partially soluble	Soluble in the majority of organic solvents.
Viscosity	Not applicable	--

Vapour density	Not applicable	--
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**9.3. Other values**

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**10. Stability and reactivity****10.1. Conditions to be avoided**

The product is stable under normal storage and handling conditions.

**10.2. Materials to be avoided**

None.

**10.3. Hazardous decomposition products**

Incompleted combustion can produce heavy smokes and products as CO, CO<sub>2</sub>, SO<sub>2</sub>..

**11. Toxicological information**

High toxicity	Not applicable
Irritation	Not applicable
Sensitiveness	Not applicable
Chronic toxicity	Not applicable
Exposure tracts	Not applicable

**Additional information:**

None

**12. Ecological information****12.1. Ecotoxicity**

There are no known adverse effects on the environment

**12.2. Mobility**

Not applicable

**12.3. Persistence / Degradability**

Low biodegradability

**12.4. Bioaccumulation potential**

Not applicable

**12.5. Other effects**

Not applicable

**13. Considerations on elimination****13.1. Product:**

No special recommendation. Inert waste disposal must be conducted in approved landfills, observing local regulations.

**13.2. Package:**

No special recommendation. As an inert residue, its removal must be carried out in authorised dumps, in compliance with local regulations.

**14. Information on carriage**

ADR	None
IMDG	None
ICAO / IATA	None
RID	None

n. UN	Not applicable
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**Complementary information:**

None

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**15. Standard information**

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According to the Directive 67/548/EEC and 1999/45/EC, the product is not hazardous within the meaning of that directive.

**Phrases R:**

None

**Phrases S:**

None

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**16. Other information**

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**Important notice:**

The information included in the Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.

It will not be accepted any liability (except as specified by law) for the use of information taken from this safety data sheet. It is the responsibility of the user of this product to observe the rules and regulations.

**Restrictions:**

This refers specifically to the products listed and can not be used in other products.

**Changes with respect to previous revision:**

Items have been adjusted to the particulars of the directive 2001/58/EC.

1st Edition:	May 1994
Previous revision:	4. January 2008