

SAFETY DATA SHEET



SELENIZZA SLN 120[®]

Drafting conforms to the provisions of modified directives 91/155 EEC – 2001/58/EC.

Revision: 05
Date: February 2008.

1 Identification of the product and the supplier

Products

Product name : **SELENIZZA SLN 120[®]**
Type of material : Asphaltite of natural origin
Commercial use : Intended for the improvement of the mechanical performances of the bituminous mix or mastic asphalt

Supplier

Corporate name : **SELENICE BITUMI SHA**
Address : Selenice Bitumi
PO Box
4326 Vlora - Albania

Tel : **00.355.6920.99.743**
Fax : **00.355.392.20.57**
Web site : www.selenicebitumi.com

Emergency call number ORFILA : + 33 (0) 1 45 42 59 59 (access to the list of the poisons centres and their number gives)

2 Information on the components

Substance or preparation : Natural hydrocarbon – Oxydised asphalt
Number EINECS : 265-196-4
Constituting to the dangers : None to current knowledge, of normal use
Components contributing to the hazards : The chemical analyses indicate the presence of toxic or harmful chemicals such as benzene, toluene, ethylbenzene, xylene, ethyltoluene. However the detected concentrations do not make it possible to fear dangers under the normal conditions of use.

3 Identification of the hazards

Effects harmful on health : None in normal condition of use. Risk respiratory irritation of the tracts and mucous membranes, coughing, bronchitis, in the event of dust formation if exceed the recommended exposure limits.

Environmental hazards :	None in normal condition of use. However, during applications, the product is heated and can cause fume in the atmosphere. Spill of the product on soil only causes physical fouling. Not soluble in water.
Physical or chemical hazards :	None in normal condition of use. The product is not classified as flammable but as hydrocarbon product it can burn.
Specific risks :	The risks of the products are related to its powder shape whose dust can present a character irritating for the respiratory tracts and the mucous membrane at the time of a prolonged and repeated exposure.

4 Description of first aid to carry in the event of urgency

Inhalation :	In the case of exposures to large quantities of dust, to transport the person to the fresh air.
Contact with the skin :	No first aid is required. To wash with soap and large water. Remove and wash contaminated clothes.
Projection in the eyes :	No first aid is required. To wash immediately and abundantly with water, by drawing aside the eyelids during 15 min.
Ingestion :	Not to make vomit and transport urgently in hospital

5 Measurement of fire control

Means of extinction :	Carbon dioxide, extinguisher with powder
Specific hazards :	Incomplete combustion can produce more or less toxic gases such as CO, hydrocarbons varied..., whose inhalation is dangerous .
Protection of people :	The port of individual equipment of respiratory protection in the event of intervention in confined atmosphere is obligatory.

6 Safety measures to be taken in the event of accidental dispersion

Measure to take individually :	To avoid the formation of dust and to carry a gas mask.
Measures to be taken for the environmental protection :	Contain the material
Method of cleaning, recovery or elimination of the dispersed product :	Contain the product, aspiration, recovery and handing-over with an approved eliminator in accordance to local regulations.

7 Precautions of storage and handling

Storage :	To hold dryness, packing closed in a room
Handling :	To hold dryness, packing closed in a room

8 Check procedure of the workers and characteristic of the individual protection equipments.

Individual protection equipment :	Respiratory protection using gas mask if exposure
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prolonged to dust.

9 Physic chemical properties

<input type="checkbox"/> physical :	Solid under the conditions of normal temperatures
<input type="checkbox"/> Forms :	Blocks, grains or powder
<input type="checkbox"/> Color :	Black solid
<input type="checkbox"/> Odour :	Hydrocarbon
<input type="checkbox"/> pH :	Non applicable
<input type="checkbox"/> Melting point :	> 350 °C
<input type="checkbox"/> Density :	1.16 t/m ³
<input type="checkbox"/> Solubility :	Insoluble in water, soluble in hydrocarbon and chlorinated solvents Solubility in trichloroethylene : 90 à 92 %
<input type="checkbox"/> Softening point :	120°C
<input type="checkbox"/> Penetration at 25°C :	0

10 Stability of the product

Stability :	Stable product at the usual temperatures of storage , handling and employment
Dangerous Reactions :	The overheating of the product, the flames are conditions to avoid.
Products of dangerous decomposition :	Incomplete combustion and thermolysis produce more or less toxic gases such as CO ₂ , CO varied hydrocarbons...

11 toxicological information

Acute Toxicity

Inhalation :	without danger
Contact with the skin:	non-harmful
Ingestion :	non-harmful

Effects local

Inhalation :	The risks of the products are related to its powder shape whose dust can present a character irritating for the respiratory tracts at the time of an exposure to strong concentration in confined
Contact with the skin:	The condition of uses, of storage do not allow a cutaneous penetration

Long term effects

Inhalation :	The risks of the products are related to its powder shape whose dust can present a character irritating for the respiratory tracts at the time of a prolonged and repeated exposure
Contact with the skin :	Frequent and prolonged contacts can involved an irritation of the skin

Specifics effects

Carcinogenic :	According to the studies available to date there is no proof that the exposure to the bitumen or this fume presents a risk of cancer for the man
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12 Ecotoxicological informations.

Mobility :	In the grounds, taking into account these physicochemical characteristics, the products is not mobile in the grounds
Persistence et degradability :	This product is no-biodegradable
Bio-accumulation :	The bio-accumulation of the products or these components is improbable being given the stability and the physical state of the product under the normal conditions of temperature
Ecotoxicity :	Regarded as non dangerous for the terrestrial plants and the watery organisations

13 Information on possibilities of waste disposal

Waste :	The method recommended is recycling or the handing-over with an eliminator approved.
Soiled packaging:	The method recommended is recycling or the handing-over with an eliminator approved

14 Information relating to transport

Surface transport RID/ADR :	Class/etiquette/packing : <u>not concerned</u> Codes danger/goods: not concerned
Maritime Transport IMDG :	Class/etiquette/packing : <u>not concerned</u> Codes danger/goods: not concerned

15 Lawful information

Legislation community/ labelling not concerned

16 Other informations

This card supplements the notes of use but does not replace them. The information which it contains is based on the state of our knowledge relating to the product concerned, at the date indicated. They are given in good faith. The attention of the users moreover is drawn to the possibly incurred risks when it is used with other uses that that for which it is conceived. It does not exempt in no case the user to know and apply the whole of the texts regulating its activity. It to take under its only responsibility the precautions related to the use, which he makes of the product. The purpose of the whole of the lawful regulations mentioned is simply to help the recipient to full fill the obligations which fall on to him. This enumeration cannot be regarded as exhaustive. The recipient must make sure that other obligations do not fall on to him because of texts other than those quoted.