SAFETY DATA SHEET

Complying with Regulation 1907/2006/EC (REACH Regulation, 453/2010/EC and Regulation No 1272/2008/EC (CLP)

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: SAPIRPLAST 4mm SAND, SAPIRPLAST 5mm SAND, SAPIRPLAST 4mm WHITE

SAPIRPLAST 5mm WHITE

1.2 Relevant identified uses of the substance or mixture and uses advised against:
No relevant identified uses-mixture of substances
Application of the substance/preparation : Bituminous waterproofing material

1.3 Details of the supplier of the safety data sheet
BITULINE INDUSTRIES S.A
16thkm old Highway Thiva-Chalkida, Vathi Avlidas, Greece
Tel +30 2262-071792-4
Fax +30 2262071727
e-mail: bitu_ind@otenet.gr
1.4 Emergency telephone number Poisoning Centre in Athens ,Greece
Phone : +302107793777

SECTION 2 : Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP
No classification required

Information concerning particular hazards for human and environment
Not applicable
Classification system
Not applicable

2.2 Label elements

Labeling according to Regulation EC No 1272/2008 CLP
Not required

2.3 Other hazards
Results of PBT and vPvB assessment
PBT : Not applicable
VPvB : Not applicable

SECTION 3: Composition/information on ingredients

3.2 Chemical description : APP polymer modified bituminous membrane

Description : Product consists of asphalt , thermoplastic resins, special additives and filler. The membrane is reinforced with polyester mat and protected by several coverings such as slate flakes and sand

SECTION 4 : First aid measures

4.1 Description of first aid measures

After inhalation
If inhalation of fumes during application of the product causes irritation to the nose or throat remove to fresh air
After skin contact
Wash thoroughly with soap and water .
In the case of contact with hot material the injured part should be plunged under cold water for a few minutes. No attempt must be made to remove the hot material adherent to the skin.

After eye contact
Rinse opened eye with running water for at least 15 minutes. Seek medical aid if irritation persists
After ingestion
Do not induce vomiting . Seek medical aid.
4.2 Most important symptoms and effects ,both acute and delayed
No further relevant information available
4.3 Indication of any immediate attention and special treatment needed.
No further relevant information available

SECTION 5 : Firefighting measures

5.1 Extinguish media
Suitable extinguish agents
Carbon dioxide CO_2, foam or extinguish powder. Fight larger fires with water spray
Unsuitable extinguish agent Water with full jet
5.2 Special hazards arising from the substance or mixture
No further relevant information available
5.3 Advice for firefighters
Necessary to use full protective clothing and individual respiratory equipment.

SECTION 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment .Keep unprotected persons away.
6.2 Environmental precautions
Not required
Avoid losses to the environment
6.3 Methods and material for containment and cleaning up
Pick up large pieces of material. Remove all sources of heat
6.4 Reference to other sections
See sections 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling
Not required
7.2 Conditions for safe storage, including any incompatibilities
Product must be stored in a cool ,dry area in up-right position away from sources of ignition
7.3 Specific end use(s) No further relevant information available

SECTION 8. Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace
8052-42-4 Asphalt
TLV-TWA 5mg/m³ (asphalt fumes)
8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures
Keep away from foodstuffs , beverages and feed
Wash hands before breaks and at the end of work
Respiratory protection
Not required under normal conditions of use. Effective local ventilation must be provided.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye protection:

Safety glasses

Body protection

Protecting work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information	
Appearance	sheet material in rolls
Colour	smooth material is black. Coverings varies in colours
Odour	asphaltic
Odour threshold	not determined
pH value	not applicable
Melting point/Melting range	›150°C
Boiling point/boiling range	not applicable
Flash point	› 250°C
Flammability (solid,gaseous)	not applicable
Decomposition temperature	not determined
Self-ignition temperature	the product is not self-igniting.
Danger of explosion	the product is not explosive .
Explosive limits	
lower	not applicable
upper	not applicable
Vapour pressure	not applicable
Density at 20 °C	not applicable
Relative density	not applicable
Vapour density	not applicable
Evaporation rate	not applicable
Solubility in/miscibility with water	insoluble
Segregation coefficient (n-octanol/water)	not applicable
Viscosity	
Dynamic at 25 °C	not applicable
Kinematic	not applicable
9.2 Other information	No further relevant information available

SECTION 10 :Stability and reactivity

10.1 Reactivity
10.2 Chemical stability
Thermal decomposition /conditions to be avoided
Stable at environment temperature
10.3 Possibility of hazardous reactions . No dangerous reactions known
10.4 Conditions to avoid Not applicable.
10.5 Incompatible materials Avoid contact with strong oxidizing materials
10.6 Hazardous decomposition products Carbon monoxide ,carbon dioxide ,nitrogen oxides ,sulphur oxides

SECTION 11. Toxicological information

11.1 Information on toxicological effects
Acute toxicity
LD/LC50 values
8052-42-4 Asphalt

Oral	LD50	› 5000 mg/kg
Dermal	LD50	› 2000 mg/kg
Inhalation	LC50/4h	94.4 mg/m³

Irritant effect:
On the skin No irritant effect
On the eye No irritant effect
Sensitization It is not known any sensitization

SECTION 12: Ecological information

12.1 Toxicity
Acquatic toxicity No further relevant information available.
12.2 Persistence and degradability No further relevant information available
12.3 Bioaccumulative potential No further relevant information available
12.4 Mobility in soil No further relevant information available
12.5 Results of PBT and vPvB assessment
Non applicable
12.6 Other adverse affects No further relevant information available

SECTION 13.Disposal considerations

13.1 Waste treatment methods
Recommendations
Disposal must be according to National Legislation.
Not allowed to be disposed with household wastes

SECTION 14 : Transport information

14.1 UN number
ADR,IMDG,IATA Not applicable

14.2 UN proper shipping name
ADR , IMDG,IATA Not applicable

14.3 Transport hazard class(es)
ADR IMDG,IATA Not classified

14.4 Packing group

ADR,IMDG,IATA Not applicable

14.5 Environmental hazards:

Marine pollutant: Not applicable

14.6 Special precautions for user

Danger code (Kemler) Not applicable

EMS Number : Not applicable

14.7 Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC code Not applicable

SECTION 15. Regulatory information

15.1 Safety ,health and environmental regulation/legislation specific for the substance or mixture
· **Labelling according to Regulation (EC) No 1272/2008** Not applicable
· **National regulations:**
· **Other regulations, limitations and prohibitive regulations**
· **Substances of very high concern (SVHC) according to REACH, Article 57**
It doesn't contain substances of very high concern (SVHC).
15.2 Chemical safety assessment : A Chemical Safety Assessment has not been carried out

SECTION 16.Other information

This information is based on our current knowledge. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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