

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, Annex II



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Section 1: Identification of the substance or mixture and society or company

1.1 Product identifier:

Identification of the mixture:

GeoSmart, PondEasy, Gisolene, Gisolene L, Gisolene F, BP, G

REACH registration number

Does not apply

1.2 Relevant identified uses of the substance or mixture and uses advised:

Industrial use:

Rubber compound for industrial use

Uses advised against:

-

1.3 Details of the supplier of the safety data sheet

FIBO A/S

1.4 Emergency telephone

Emergency telephone number of the company:

European telephone number Emergency

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP):

Chronic aquatic toxicity, 3 H412

2.2 Label elements

Labelling according to Regulation (CE) 1272/2008 (CLP)

According to Annex I of the Regulation CE 1272/2008 (CLP) a label is not necessary for mixtures containing polymers or elastomers if they do not present a danger to human health by inhalation, ingestion or contact with the skin, nor for the environment aquatic environment in the form in which they are placed on the market, even if they are classified as dangerous according to the criteria of that annex.

Phrases EUH

EUH210: safety data sheet available on request EUH

EUH208: contains Rosin (<0.3%). May produce an allergic reaction.

2.3 Other hazards

The mixture does not contain any vPvB substance (PBT = vPvB = very persistent, very bioaccumulative) or is not included in the attached XIII of the Regulation (CE) 1907/2006 (0,1 %)

The mixture does not contain any substance PBT (PBT = persistent, bioaccumulative, toxic) or is not included in the attached XIII of the Regulation (CE) 1907/2006 (0,1 %).

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Sección 3: Composition/information on ingredients

3.1 Substances

N.A.

3.2 Mixtures

Chemical nature of the mixture: EPDM

Presence of: other

Components:

Chemical name and registration number REACH ¹	No. CAS	Concentration	Classification REGULATION (CE) No 1272/2008*
Polyethylene-Propylene-Diene (EPDM)	25038-36-02	< 50%	Aquatic Chronic 3. H412

Hazardous components:

Chemical name and registration number REACH	No. CAS	Concentration	Classification REGULATION (CE) No 1272/2008*
Zinc Oxide (01-2119463881-32-XXXX)	1314-13-2	<1%	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

*The full text of the phrases mentioned in this section is indicated in section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation

Not required.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor. Cover burns aseptically.

Eye contact

Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Call doctor immediately-have Data Sheet available.

4.2 Most important symptoms and effects, both acute and delayed.

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

burns and / or redness: If contact with hot product.

In certain cases, it may happen that symptoms of poisoning may not appear until a long time has elapsed (after several hours).

¹See the text of the regulation for information about exceptions or applicable provisions

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4.3 Indication of any immediate medical attention and special treatment needed immediately: no data available.

Section 5: Fire-fighting measures

5.1 Extinguishing media

C02.
dry powder extinguisher.
Water jet spray.
Large fire: foam.
dry powder extinguisher.
Water jet spray.

Unsuitable extinguishing media ne

5.2 Special hazards arising from the substance or mixture

In case of fire may form:

- Carbon oxides.
- Sulphur oxides.
- Nitrogen oxides.
- Hydrogen chloride.
- Toxic gases.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.
According to size of fire Full protection, if necessary
Dispose of contaminated extinction water according to official regulations.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures.

Do not breathe dust.
Avoid contact with eyes or skin.

6.2 Environmental precautions

No special measures required.

6.3 Methods and material for containment and cleaning up.

Pick up mechanically and dispose of according to Section 13.
Avoid build-up of dust.

6.4 Reference to other section

For personal protective equipment see Section 8 for disposal instructions see section 13.

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Section 7: Handling and storage

In addition to information given this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling.

General recommendation

Ensure good ventilation.

If applicable, suction measures at the workstation or on the processing machine necessary.

Keep away from sources of ignition - Do not smoke.

Take measures against electrostatic charging, if appropriate.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Creating dust may produce combustible conditions, Apply adequate explosion protection precautions.

Thermal processing may create hazardous steam. Apply adequate dust collection and good ventilation.

(For insulation compounds) Apply adequate precautions against electrostatic discharge.

Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feeding stuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Condition for safe storage, including any incompatibilities

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Do not store with highly flammable, flammable, or self-igniting materials.

Do not store with acids.

Do not store with oxidizing agents.

Protect from direct sunlight.

Only store at temperatures from 15°C to 25°C.

Store in a dry place.

7.3 Specific end use(s)

No information available at present.

Section 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

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Individual protection measures, such as personal protective equipment.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at the end of the day.

Keep away from foodstuffs, beverages and feed.

Before entering areas in which food is consumed, remove clothing and equipment contaminated with the product.

Eye protection / face: Goggles fitted with side protection (EN 166).

Skin protection / Hand protection: protective gloves resistant to chemicals (EN 374).

the use of a protective hand cream recommended.

When handling hot material: Insulating gloves EN 407 (cold).

Skin protection / Other: working with protective clothing (eg safety shoes EN ISO 20345, long-sleeved protective clothing).

Respiratory protection: in normal case it is not necessary.

If steam is formed, using an appropriate respirator.

Gas mask filter A (EN 14387) colour brown.

Note the time limitations for respiratory protection equipment use.

thermal hazards: If applicable, are included in the individual protective measures (eye protection / face, skin or respiratory).

Additional information on hand protection: Has not been any trial.

The selection of the mixtures was performed to knowledge and on the basis of the information about the contents.

The selection in the case of the substances has been made from the manufacturer of gloves.

The final selection of glove material must be performed considering the rupture time, the rate of permeation and degradation.

The selection of a suitable glove depends on the material and other quality features, which differ by manufacturer.

For mixtures, the resistance of glove materials can not be calculated in advance, so it is to be tested before use. Consult glove manufacturer exact breakthrough time of the glove material and must be observed.

Environmental exposure controls

Currently there is no information about it.

Section 9: Physical and chemical properties

9.1 Information on physical and chemical properties

Physical state	Solid
Colour	Black
Odour	Characteristic
Odour threshold	nd
PH value	nd
Melting point / freezing point	nd
Boiling point and boiling range	nd
Flashpoint	> 220 ° C
Evaporation rate	nd
Inflammability	Yes
Lower explosion limit	n.a
Upper explosion limit	n.a
Vapor pressure	nd
Vapor density	nd
Density	1.15 – 1.29 g / cm ³
Bulk density	nd
Solubility	nd
Water solubility	Insoluble
Partition coefficient (n-octanol / water)	nd
Auto-ignition temperature	n.a
Decomposition temperature	nd
Viscosity	nd
explosive properties	The product does not have prop. explosive
oxidising properties	nd

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9.2 Other data

Miscibility	nd
Fat solubility / solvent;	nd
Conductivity	nd
Surface tension	nd
Solvent content	Nd

Section 10: Stability and reactivity

10.1 Reactivity

Not predictable.

10.2 Chemical stability

Stable with proper storage and regulatory management is performed.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid (See also Section 7).

Heat, open flame, ignition sources Protect from sunlight.

The material must not be heated above 250°C. Risk of hazardous and combustible gases.

10.5 Incompatible materials (See also Section 7).

Avoid contact with strong oxidizing agents.

10.6 Hazardous decomposition (See also section 5.2)

In the elaboration:

Carbon oxides

Sulphur oxides

Nitrogen oxides

Aldehydes, ketones, alcohols and acids.²

The rubber components can produce n-nitrosamines during use.³

Section 11: Toxicological Information

11.1 Information on toxicological effects

Eventually, see paragraph 2.1 (classification) for more information about health effects.

Toxicity / Effect	Final point	Value	Unity	Organism	Verification method	Observation
Acute oral toxicity:						nd
acute dermal toxicity:						nd
Acute toxicity, by inhalation:						nd

² When the mixture contains peroxide.

³ When sulphur based compounds

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Corrosion or Irritation:						nd
Serious eye irritation:						nd
respiratory or skin sensitization:						nd
Germ cell mutagenicity:						nd
carcinogenicity:						nd
Reproductive toxicity:						nd
specific target organ toxicity - single exposure (STOT-SE):						nd
Specific target organ toxicity - repeated exposure (stotre):						nd
Aspiration Hazard:						nd
irritant effect on airways:						nd
Repeated dose toxicity:						nd
Symptom:						nd

Section 12: Ecological Information

Eventually, see paragraph 2.1 (classification) for more information about effects on the environment.

Toxicity / Effect	Final point	Weather	Value	Unity	Organism	Verification method	Observation
Fish toxicity:							nd
Toxicity to daphnia:							nd
Toxicity to algae:							nd
Persistence and degradability:							Not readily biodegradable
Bioaccumulation potential:							nd
Mobility in soil:							nd
Results of PBT and vPvB assessment:							nd
Other adverse effects:							nd

Section 13: Disposal Considerations

13.1 Methods for waste treatment

For the substance / mixture / residual amounts

Waste code number, CE:

The guidelines given for waste codes are recommendations based on the scheduled use of this product. But according to special use and disposal conditions of the user, possibly also may apply other waste codes. (2001/118 / EC, 2001/119 / EC, 2001/573 / EC)

07 02 13 waste plastic

January 20 39 Plastics.

Recommendation: take into account the requirements of local authorities

For example, a suitable incineration plant.

Storing for example in a suitable landfill.

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For contaminated packing material

Pay attention to local and national official regulations Empty container completely.

Uncontaminated packaging can be reused. Packaging that can not be cleaned must be removed as the substance.

Section 14: Transport information

14.1 UN number

n.a

14.2 Shipping name UN

Road / Rail (ADR / RID)	-
Sea transport (IMDG)	-
Air Transport	-

14.3 Class (s) of Transport hazard

Road / Rail (ADR / RID)	n.a
Sea transport (IMDG)	n.a
Air Transport	n.a.

14.4 Packing group

Road / Rail (ADR / RID)	n.a
Sea transport (IMDG)	n.a.
Air Transport	n.a.

14.5 Environmental hazards

Road / Rail (ADR / RID)	Not applicable
Sea transport (IMDG)	Not applicable
Air Transport	Not applicable

14.6 Special precautions for user

Whenever unless specified otherwise, general measures for the realization of safe transport must be taken into account.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

It is not hazardous according to Transport Regulations.

Section 15: Regulatory Information

15.1 Regulations and safety legislation, legislation specific for the substance or mixture

Classification and labeling see Section 2.	
Observe restrictions:	n.a.
VOC (1999/13 / EC):	0%

15.2 Chemical Safety Assessment

It is not provided an assessment of chemical safety for mixtures.

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Section 16: Other Information

Classification and evaluation method for deviation from the classification of the mixture according to Regulation (EC) 1272/2008 (CLP): nothing.

The following statements are prescribed H phrases dangerous class code (GHS / CLP) of the ingredients (in paragraphs 2 and 3):

H317 May produce an allergic reaction on the skin

H400 Very toxic for aquatic organisms.

H410 Very toxic to aquatic organisms, with long-lasting harmful effects.

H412 Harmful to aquatic organisms, with long-lasting harmful effects

STOT SE: Specific target organ toxicity (single exposure) - irritation airway

Skin irritation: irrit. Skin

Dam Eye: eye damage