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1.- Product and Company Identification

TRADEMARK: DANODREN H15

PRODUCT TYPE: Nodular sheet of high density polyethylene (HDPE).

MANUFACTURER/DISTRIBUTOR: DANOSA

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2.- Composition/Information on Ingredients

High-density polyethylene nodular sheet (HDPE) with polypropylene geotextile (Danodren Plus) or without geotextile (Danodren).

3.- Hazards Identification

Identification of dangers:

Under normal conditions, the product is not dangerous.

4.- First Aid Measures

Skin contact: In case of burns caused by hot substance, clean the area with plenty of cold water to remove heat. Consult a physician if burning sensation persists.

ALL BURNS REQUIRE MEDICAL ATTENTION.

5.- Fire Fighting Measures

Appropriate extinguishing media: Dry chemical, Foam, CO₂, Sand, Water spray.

NEVER USE DIRECT WATER JET.

Risks of exposure: Prolonged exposure to hot fumes causes respiratory problems.

Fire fighting equipment for fire brigade: Respiratory protection.

6.- Accidental Release Measures

6.1 INDIVIDUAL PRECAUTIONS

None

6.2 ENVIRONMENT PROTECTION

None

6.3 CLEANING SYSTEMS

None

7.- Handling and Storage

Handling: No special measures required.

Storage: Keep away from fire. Use in places with good ventilation, preferably with fire security system. Store under cover.

8.- Exposure Controls and Personal Protection

Personal protection: When manipulating hot product, wear protective clothing (helmet, gloves, boots, etc. resistant to high temperature). Avoid contact with skin.

Under normal conditions it is not necessary to use breathing apparatus, it is enough with a good ventilation to minimise risk of overexposure to vapour, fumes or dust.



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9.- Physical and Chemical Properties

Physical state: Solid at room temperature.

Colour: brown.

Odour: Low.

Characteristics of polyethylene membrane:

weight: 500 - 900 g/m²

compressive resistance: 100 - 400 KN/m² approx.

tensile resistance: 400 - 700 N/60mm

elongation at break, approx.: 30 %

modulus of elasticity, according to ISO 178: 1500 N/mm²

10.- Stability and Reactivity Data

Conditions to avoid: It does not degrade with adequate use.

Decomposition products: Thermal decomposition may produce fumes with carbon monoxide, that can ignite in presence of flames or infrared panels.

11.- Toxicological Information

Primary irritative effect of the skin: It does not cause irritation.

Eye irritation: The product is not irritating.

Additional toxicological information: According to our experience and information, the product does not cause any adverse health effect if properly handled in compliance with standard systems.

12.- Ecological Information

It can be mechanically separated in a purification plant for waste water.

With respect to the product's consistency, there is no possibility of dispersion in the environment. For this reason, it does not cause any negative effect on the environment.

13.- Disposal Considerations

Recycle when possible. It can also be disposed of together with household refuse or incinerated, paying attention to technical regulations and having previously consulted competent authorities.

14.- Transport Information

The product is NOT considered DANGEROUS for transport (ADR, RID, UN, IATA/ICAO).

15.- Regulatory Information

The product is not considered dangerous.

The product does not require special labelling.

16.- Other Information

This security data sheet is based on the European Community laws (91/155/CEE).

The information of the data sheet are true and exact. We do not guarantee recommendations or suggestions made here, because using conditions are out of our control. Consequently the user, under his responsibility, has to decide if the information are appropriate or useful and if they don't create any contractual juridical relation.

