Material Safety Data Sheet

1. Name of product and company

Manufacturer/supplier **SOTRAFA, S.A.** **Paraje Cartabona, 12** **04710 Sta Mª del Aguila** **EL EJIDO (Almeria)** **SPAIN**	Trade name	**ALVATECH 5002 HDPE**
	Denomination	**Polyethylene HDPE, cast sheet**
	Issued by	**Quality Control**

2. Composition / Classification

A. Substances which give the product its health-risk properties, if any. State if possible CAS No.
Does not contain any wellknown harmful materials, fulfils the 94/62ECC – directiv concerning the total content of heavy – metals (<100ppm).

B. Other substances
Polyethylene as HDPE and/or MDPE. Colorants (carbon black). Antioxidants

3. Hazards identification

Chemical product hazardous to health	**No**	inflammable product	**No**
Pesticide	**No**	Explosive product	**No**
Labelling sub-class(es)	**Not harmful**		
Summery of risks	**The product is not hazardous to health**		

4. First Aid

Inhalation	**In case of dust or smoke: Remove to fresh air.**
Skin contact	**In case of dust or smoke: Clean with soap and water**
Eye contact	**In case of dust or smoke: Flush with large amounts of water**
Ingestion	-

5. Emergency action in case of FIRE

Put out with powder, carbonic acid or water.

A free laying film is easy flammable, quick spreading. Melted burning drops can speed up the spreading. When uncontrolled burning, as in the case of fire, carbonmonoxide, carbondioxide, water and heat appears.

6. Spillage

Stop source of spill and notify responsable authorities. Sweep up spilled material and place in suitable container for recycling or deposition.

7. Storage and handling

Do not store near heat or flame

8. Personal protective equipment and actions

Not needed. If the material is heated or molten, wear thermally insulated, heat-resistant gloves, safety glasses are good industrial practices.

9. Physico-chemical properties

General description (form, colour, smell, viscosity, etc…)
Thin or medium-thin sheet, solid, black, no smell

Boilling point **……°C** Flach point **320 °C**	Melt point **90 – 140 °C** Ignition temp **350 °C**	Density Kg/m3 **920 - 980**	Solubility in organic solv. --------
Vapour pressure at temp. -------	pH in concentrate --------		Solubility in water **0% at 23ºC**

Specific properties or risks
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10. Stability and ractivity

The material is stable, no hazardous polymerization or decomposition will occur

11. Toxicological information

No wellknown biological effects. Polyethylene is breaking down in heat and UV-radiation, for ex. Sunlight

Specific actions
Not needed. If smoke or dust is generated in processing or handling, provide good ventilation.

12. Ecological information

The material is recycable. At complete burning only carbondioxide, water and energy appears.

13. Disposal considerations

Place in suitable container for recycling or deposition.

14. Transportation information

UN	IMDG	ADR/RID/ ADR-S/RID-S(road,rail)	DGR(air)

No callification

15. Regulatory information

16. Other information

Labelling / parking

Others
The information given here is given in good faith, and from our knowledge at the date of sigue. This sheet doesn´t exept the user from knowing and applying all the relevant regulations, and from taking all the relevant safety precautions.