

Material safety data sheet

According to EG Directive 91/155/EWG

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING:

Name: LDPE granules colored
Intended use: raw material for plastic industry
Manufacturer: S.C. CALEX S.R.L.
437167-Satu Nou de Jos 276G
Comuna Grosi

2. COMPOSITION/INFORMATION ON INGREDIENTS

Polyethylene parts from post-consumer waste.
PE Masterbatch max. 3 %.

Contains no substances classified as hazardous in concentrations, which should be taken into account according to EC directives.

3. HAZARDS IDENTIFICATION:

The product is not classified as dangerous preparation. However, inhalation of dust may irritate the respiratory tract.

The product burns, but is not classified as flammable.

The product is not considered dangerous for the environment.

4. FIRST-AID MEASURES

In case of skin contact:

If there was any contact with melted material, try to cool down the skin as soon as possible.

After inhalation:

Provide fresh air. In case of complaints, consult a physician.

In case of eye contact:

Rinse with clean water.

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media:

Water, dry chemicals, foam or carbon dioxide.

Special exposure hazards:

Principal toxicant in the smoke is carbon monoxide.

6. ACCIDENTAL RELEASE MEASURE:

Granules must be removed immediately to prevent slipping accidents.

7. HANDLING

During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released. Provide adequate ventilation. Local exhaust ventilation may be necessary. Avoid inhalation of dust and decomposition fumes. Dust from the product gives a potential risk for dust explosions.

8. PERSONAL PROTECTION

General protection and hygiene measures:

Wash hands before breaks and after finishing the shift.

Don't drink and eat during work.

Breathing protection is not necessary.

Protective leather gloves recommended.

Goggles recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	solid
Odour:	odourless
Colour:	colored
Melt flow rate:	0,7
Melting point:	137,5 °C
Density:	0,925 g / cm ³

Spontaneously flammable: not self-igniting

Explosion hazard: not a risk of explosion

Solubility: insoluble in water

10. STABILITY AND REACTIVITY:

The product is a stable thermoplastic with no chemical reactivity.

11. TOXICOLOGICAL INFORMATION:

The product is not classified as dangerous preparation according to Directive 1999/45/EC. However, inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

12. ECOLOGICAL INFORMATION:

The product is not considered dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Reuse or recycle if not contaminated. The product may be safely used as fuel of land filler. Proper combustion does not require any special flue gas control. No leach ate is generated in landfills. Check with local regulations.

14. TRANSPORT INFORMATION:

The product is not regulated by ADR/RIDD, IMDG or IATA.

15. OTHER INFORMATION:

The disclosures are based on the present state of our knowledge and experience. The safety data sheet is used for the description of the products in view of safety requirements. The recommended industrial hygiene and legal regulations are observed. Not guaranteed the above mentioned properties.

Disclaimer

The information contained herein is accurate and reliable to our knowledge and is only intended to describe health, safety and environmental aspects of the product. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use of our products.

It is the responsibility of the customer to obtain all necessary information relating to the conjunction with third party materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.