



EC Safety Data Sheet

(according to 91/155/EEC)

1. Trade name LDPE Regranulate Black
Internal item no. 500022

1.1 Company WEWATEC GmbH
Wertstofftechnik
Industriestrasse 6
D-92442 Wackersdorf

2. Composition/information on ingredients

2.1 Chemical characterisation
Polyethylene and copolymers of polyethylene and other olefins with fillers (over 5%)

2.2 Hazardous ingredients
None

3. Hazards identification

None

4. First aid measures

General notes:

Following skin contact: Burns caused by molten material require hospital treatment. Do not attempt to remove congealed product from skin.

Following inhalation: -

Following eye contact: Holding the eyelid open, allow running water from the faucet to flush the eye for 15 minutes.

5. Firefighting measures

Suitable extinguishing media: Heavy foams forming an aqueous or polymeric film

Dry powder extinguishing agent: (For initial-stage fires only)

For safety reasons unsuitable extinguishing media: Full water jet

CO, CO₂ and soot may be released in a fire.

6. Accidental release measures

Spilled material may present a slipping hazard. Collect and clean up spills mechanically; do not flush into the sewage system.



EC Safety Data Sheet

(according to 91/155/EEC)

7. Handling and storage

Handling

Fire and explosion prevention: Accumulations of fine particles (< 0.125 mm) should be avoided, in particular with pneumatic conveyance. This material is combustible. Observe the relevant firefighting measures.

8. Exposure controls and personal protection

Additional information about design of technical facilities

(see point 7)

Components with occupational exposure limits

None

Personal protective equipment

None

General protective and hygienic measures:

Provide adequate ventilation during processing. Avoid inhaling vapour, aerosol, fumes or gases of the decomposition products, which may form when material is overheated.

9. Physical and chemical properties

Form: Granulate
Colour: Different according to colouring
Odour: Faint odour

Change of state

Melting temperature:	100 - 170 °C	(DSC)
Auto-ignition temperature:	> 360 °C	(ASTM D 1929)
Vapour pressure:	Not applicable	
Density: (23 °C)	0.9 – 0.98 g/cm ³ according to type (DIN 53 479)	
Bulk density:	> 530 kg/m ³	
Water solubility:	Insoluble	

10. Stability and reactivity

Conditions to avoid:	-	
Thermal decomposition:	> 360 °C	(DTA)
Evolution of flammable gases/vapours.		
Substances to avoid:	-	

Hazardous reactions: Dust explosion hazard (see point 7)
Hazardous decomposition products: Monomer, flammable gases/vapours



EC Safety Data Sheet

(according to 91/155/EEC)

11. Toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

Further ecological hints

The product was not tested. The product will not be readily bioavailable due to its consistency and insolubility in water.

13. Disposal considerations

Product:

Check for possible recycling. Can be treated as household waste or disposed of by means of suitable incineration in accordance with local regulations.

Waste code for the unused product: 150102 (Germany)

Uncleaned packaging: Empty the packaging completely.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulations

Labelling according to EC Directives (GefStoffV/EG)

Not subject to labelling

National regulations

Water hazard class: WHC 0 (Germany)

16. Other information

The above information is based on our current state of knowledge and is not intended as form of guarantee with regard to any specific product characteristic.

It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.
