

MATERIAL SAFETY DATA SHEETS

1. IDENTIFICATION OF THE PREPARATION/SUBSTANCE & COMPANY

TRADE NAME E6595

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2. COMPOSITION / CLASSIFICATION OF SUBSTANCES

This product is a polyethylene copolymer. It contains carbon black, elastomer and small amount of stabiliser. Contains no substance classified as hazardous, in concentrations which should be taken into account according to EC directive.

No:	Name:	CAS-no:	Contents %	Classification	R-phrase
1	Ethylene copolymer	26221-73-8	59	EM	
2	Carbon black	1333-86-4	40	EM	
3	Organic Peroxide	25155-25-3	<1	O, Xi.	R7, 36

Key to the sign: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Health-endangering, Xi=Irritant, V=Moderate health-endangering, EM=Not restricted, E=Explosive, O=Oxidizing, F+=Extrem. flamm., F=Highly flamm., Fo=Flammable, M=Mutation, A=Allergic hazard, K=Carcinogenic, R=Reproduction disturbing, H=Skin absorption, N=Biological danger

3. HAZARDS IDENTIFICATION

The product is not classified as a dangerous preparation (EC).
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.

4. FIRST AID

Inhalation If symptoms are experienced, move victim to fresh air. Obtain medical advice if symptom persists.

Skin contact If molten material contacts the skin, immediately flush with large amount of water to cool the affected tissue and polymer. Do not attempt to peel polymer from skin. Obtain medical attention immediately.

Eye contact Wash eyes with clean low-pressure water.

Ingestion Adverse health effects due to ingestion are not anticipated. If gastric irritation or discomfort persists, seek medical advice.

5. EMERGENCY ACTION IN CASE OF FIRE

Fire-extinguisher SMALL FIRE: Use dry chemicals, CO₂ LARGE FIRES: Use large quantities of water spray

Unsuitable

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fire-extinguisher

Special exposure hazards

**Dangerous destruction-
/combustion products** Carbon monoxide, trace amounts organic acids and alcohols may be formed.

Protective equipment Wear an approved positive pressure self-contained breathing apparatus and firefighter turnout gear

Other information

6. DECONTAMINATION OF SPILLAGE

Environmental protection Pick up and retain for recycle or disposal

Methods of decontamination Suck or sweep up spill. All spill of granules must be removed immediately to prevent slipping accident.

7. HANDLING AND STORAGE

Handling Keep material off walking surfaces, it may create a slipping hazard. 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. Polymer dust may form explosive mixtures with air. All equipment shall be grounded.

Instructions of storage Keep container dry. Store away from excessive heat and away from strong oxidizing agents. Keep container closed to prevent contamination.

8. PREVENTIVE MEASURES / PERSONAL PROTECTING EQUIPMENT

Preventive measures Provide adequate ventilation.

Respiration protection Use appropriate respiratory protection where atmosphere exceeds recommended limits.

Safety goggles Safety glasses with side shields are recommended to prevent eye contact.

Safety gloves For protection, when handling hot material

Safety clothes For protection, when handling hot material.

9. PHYSICAL- CHEMICAL PROPERTIES

Shape of product: Solid granular.

Colour: Black

Density: 1,125-1,140 g/cm³

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Melting point (DSC)	75-130 °C
Ignition	> 300 °C
Solubility:	Insoluble in water.

10. STABILITY AND REACTIVITY

Stability	The product is stable thermoplastic, with no chemical reactivity.
Reacts with	Does not react with air, water or other common material.
Hazardous Products of Decomposition:	Not expected to decompose under normal condition.

11. TOXICOLOGICAL INFORMATION

Additional information	In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendation.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	Ecotoxicity is expected to be minimal based on low water solubility of polymers.
Bioaccumulation	Not expected to occur.

13. WASTE DISPOSAL

Product:	Check for possible recycling. Must be dumped or incinerated in accordance with local regulation.
Contaminated packaging	Contaminated packs should be emptied as far as possible, they can then be passed on recycling after being thoroughly cleaned.

14. TRANSPORT CLASSIFICATION

The product is not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Labelling according to EEC Directives:	Not subject to labelling
Product name:	E6595

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.