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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Polycarbonate (PC), static dissipative

1.2 Relevant identified uses of the substance or mixture and uses advised against.

No uses known.

Relevant identified uses

Only for professional use. Production of plastic products.

1.3 Details of the supplier of the safety data sheet

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1.4 Emergency Telephone Number: +49 30-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Classification:

This product is not classified as hazardous substance or mixture as per regulation (EC) No. 1272/2008.

2.2 Label elements

Regulation (EC) No. 1272/2008

Not applicable.

2.3 Other hazards

Persistent, bioaccumulative and toxic (PBT) substances: none.

Very persistent and very bioaccumulative substances (vPvB): none.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixture

Polymers, colorant, additives, stabilizers.

- Hazardous substances: None
- Substances with defined EC threshold values for the exposure at work place: None
- Substances which are persistent, toxic and subject to bioaccumulation respectively very persistent and highly subject to bioaccumulation according to annex XIII of REACH None
- Substances which are part of the candidate list as per article 59 section 1 of REACH regulation due to other reasons than the ones stated in article 31 paragraph 1 letter a of REACH regulation None

SECTION 4: First aid measures**4.1 Description of First aid measures****Inhalation:**

After inhalation of decomposition products, remove person to fresh air and get medical advice.

Skin contact with hot PC:

Wash with water and soft soap. Burns suffered by melted material have to be treated in hospital.

Eye contact with hot PC:

Rinse thoroughly for several minutes. Keep eyelid opened during rinsing. Get medical advice in case of discomfort.

Ingestion:

Do not induce vomiting and get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

None.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Fire fighting measures**5.1 Extinguishing media**Suitable: water mist, fire extinguishing foam, Dry extinguishing powder, carbon dioxide (CO₂)

Not suitable: water, water jet

5.2 Special hazards arising from the substance or mixtureA fire can release the following substances: Carbon monoxide (CO), carbon dioxide (CO₂) and other toxic gases.**5.3 Advice for fire-fighters**

None.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with melted polymer. Avoid inhalation of any combustion products and ensure ventilation with fresh air. Attention: danger of slipping.

6.2. Environmental precautions

Avoid contamination of the environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically and try to recover if possible, otherwise dispose of according to the relevant instructions and regulations.

6.4. Reference to other sections

None.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Fire and explosion preventions**

Avoid formation of dust, take action against static charging (earthing).

Aerosol and dust generation preventions

None.

Environmental precautions

Store in closed packaging.

Advice on general occupational hygiene

Industry standard.

7.2 Conditions for safe storage including any incompatibilities**Storage conditions:**

Do not store or handle the product close to unshielded flame, heat or ignition source. Protect from direct incident solar radiation.

Requirements for storage rooms and vessels

Humidity, sunlight and temperature directly affect the product during storage and handling.

Storage category: 11 (flammable solid)

7.3 Specific end uses

Industry and sectoral specific guidelines.

SECTION 8: Exposure controls/personal protection**8.1 Control Parameters****8.2 Exposure controls****8.2.1 Appropriate engineering controls****8.2.2 Personal protective equipment****Eye / Face protection**

Protection goggles, face protection

Skin protection

Common work wear in chemical industry

Gloves

Use gloves as per DIN/EN 420

Respiratory protection

Work in good ventilated areas or with respiration filter

General protection and hygienic measures

Provide sufficient ventilation at processing machines.

Hazard decomposition products can be released due to over heating of the material. Avoid inhalation.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

- Physical state:	solid
- colour :	black
Density :	
Odour :	mild, „plastic like“/waxy
Melting point :	100 – 250 °C
Flash point:	> 320 °C
Auto-ignition temperature:	> 330 °C
Decomposition temperature:	> 330 °C

9.2 Other information

None.

SECTION 10: Stability and reactivity**10.1. Reactivity**

None

10.2. Chemical stability

Material is chemically inert

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

Do not store close to heat sources, flames or strong oxidants. Avoid formation of dust.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Nitrogen dioxides and carbon dioxides

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:**

none

Skin corrosion/irritation:

none

Sensitisation:

none

Toxicity at repeated administration:

none

Carcinogenicity:

none

Mutagenicity:

none

Reproductive toxicity:

none

Symptoms and effects (delayed or chronic) with indication of the way of exposition also:**Information on toxicokinetics, metabolism and distribution:**

none

SECTION 12: Ecological information**12.1. Toxicity**

none

12.2. Persistence and degradability

none

12.3. Bioaccumulative potential

none

12.4. Mobility in soil

none

12.5. Results of PBT and vPvB assessment

none

12.6. Other adverse effects

Ingestion might be harmful to fauna.

General information:

Keep away from waters and environment.

On the basis of existing data about the elimination/degradation and bioaccumulation potential, a long term damage to the environment cannot be ruled out.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Send to a physico-chemical treatment facility under observation of official regulations.

Treatment of contaminated packaging

Contaminated packaging must be disposed of like the product.

Non-contaminated / cleaned packaging can be reused or be disposed of with household waste.

Waste codes (AVV)

Recommended waste codes / waste description

070213 plastic scrap**Other disposal recommendations**

None, observe EU or other laws and provisions.

SECTION 14: Transport information**14.1 UN-No.**

n. a.

14.2 UN proper shipping name:

ADR/RID no

IMDG-Code / ICAO-TI / IATA-DGR no

14.3 Transport hazard class(es):

none

14.4 Packing group:

n. a.

14.5 Environmental hazards:

none

Label for environmental hazards

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: no

Marine Pollutant: no

14.6 Special precautions for user:

none

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category (X, Y or Z) :

n. a.

Ship type (1, 2 or 3) :

n. a.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-regulations**

Regulation (EC) 1907/2006 (Reach)

National regulations

Water hazard class nhw

15.2. Chemical safety assessment

n. a.

SECTION 16: Other information

The information given in this safety data sheet is based on our present available experience and only describes the security appearance of the product. It is up to the user to check if the product is suitable for the respective application. All questions regarding warranty and liability for this product are regulated according to our sales conditions unless legal requirements are differing.

Change index

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