

Ducor[®] – Polypropylene grades

Material Safety Data Sheet

Conforms to 1907/2006/EC (REACH), Annex II

Date / revised: 01-07-2011 (version 1)

page 1/4

1. Substance/preparation and company name

DUCOR (PELLETS)

Ducor[®] 2300L, 2300K, 2340P, 2340RC, 2348L, 2348M, 2348TC, 2370P, 2378TC, 2448L, 2500H, 2500MC, 2600M, 2600PC, 2600TC, 2640RC, DX29001, 3148TC, 3248TC

Manufacturer:

Ducor Petrochemicals B.V.

Merseyweg 24

3197 KG Botlek – Rotterdam

the Netherlands

Tel.: + 31 (0)181 – 247 070

Fax: + 31 (0)181 247 979

Emergency information:

Ducor Petrochemicals B.V.

Tel.: + 31 (0)181 247070

Fax: + 31 (0)181 247 979

Use of the substance/preparation

extrusion-, injection moulded articles

2. Composition/information on ingredients

Chemical nature

Polypropylene, stabilizing agents, additives.

Description Main Component:

1-propene polymer with ethene (CAS-Nr. 9010-79-1)

Hazardous ingredients

none

3. Possible hazards

Critical hazards to man and the environment: none

4. First aid measures

General advice: -

If inhaled: -

On skin contact: Wash thoroughly with soap and water.

Burns caused by molten material require hospital treatment.

On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open.

5. Fire fighting measures

Suitable extinguishing media: Water, foam, carbon dioxide (CO₂), dry extinguishing media.

Unsuitable extinguishing media for safety reasons: -

The following can be given off in a fire: CO, CO₂

Special protective equipment: -

Ducor[®] – Polypropylene grades

Material Safety Data Sheet

Conforms to 1907/2006/EC (REACH), Annex II

Date / revised: 01-07-2011 (version 1)

page 2/4

6. Accidental release measures

Personal precautions: -

Environmental precautions: -

Methods for cleaning up: Sweep/shovel up to prevent slipping.

7. Handling and storage

Handling

Should be noted when the product is handled and pneumatically transported:

Protection against fire and explosion:

Fine particle material (< 0.125 mm) should not be allowed to accumulate, particularly when transported pneumatically.

The product is combustible

The product contains combustible polymers. The relevant fire protection measures thus apply.

8. Exposure controls and personal protection

Additional information on the lay-out of technical plant

(see 7)

Components with workplace control parameters

Personal protective equipment

none

General safety and hygiene measures:

Provide appropriate exhaust ventilation at machinery.

Gaseous products of degradation can be given off if the product is greatly overheated.

Avoid inhalation.

9. Physical and chemical properties

Form: granular

Colour: natural colour, various, depending on the shade

Odour: almost odourless

Change in physical state

Melting point/melting range: 120-170 °C (DSC)

Explosion limits (only for powder not for granules):

- lower 20 g/m³

- upper approx. 2000 g/m³

Ignition temperature: > 360 °C

Density: (23 °C) 0.85-0.93 g/cm³ (DIN 43 379)

Bulk density:

Solubility in water: insoluble

Ducor[®] – Polypropylene grades

Material Safety Data Sheet

Conforms to 1907/2006/EC (REACH), Annex II

Date / revised: 01-07-2011 (version 1)

page 3/4

10. Stability and reactivity

Conditions to avoid: -

Thermal decomposition: > 390 °C (DTA)

Formation of ignitable gases/vapours.

Substances to avoid: -

Hazardous reactions: Dust explosion hazard. Fine particle material (dust) should not be allowed to accumulate, particularly when transported pneumatically.

Hazardous decomposition products: Monomers, ignitable gases/vapours.

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 recommendations.

12. Ecological information

Further ecological information

The product has not been tested. Due to its consistency and its low water solubility, bio-availability is unlikely.

13. Disposal considerations

Product:

Check for possible recycling.

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging: Contaminated packs should be emptied as far as possible, they can then be passed on for recycling after being thoroughly cleaned.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulatory information

Labelling according to EEC Directives

not subject to labelling

National legislation/regulations

Ducor[®] – Polypropylene grades

Material Safety Data Sheet

Conforms to 1907/2006/EC (REACH), Annex II

Date / revised: 01-07-2011 (version 1)

page 4/4

16. Other information

A backslash in the left hand margin indicates an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.
