

SAFETY DATA SHEET
in accordance with 91/155/EWC
POLYPROPYLENE FIBERS STAVON

from
20.2.2000
version A
Page 1 from 5

1. Identification of the substance/preparation and company

1.1. Information about product:

Chemical name: polypropylene

Trade name: polypropylene staple fibers STAVON

CAS Number : 9003-07-0

ES (EINECS) Number : 2034733 EINECS

Other names:

1.2. Identification of the company:

Producer (trade name): Trevos Košťálov spol. s r.o.

Place of business : Košťálov, 512 02 Czech Republic

Identifications number :

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Inquiry and emergency telephone numbers :

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or Toxicology inquiry office Prague
+420 2 24919193 / +420 2 24915402

2. Composition/information on ingredients

Chemical characterization : polypropylene (C_3H_6)_n –raw polypropylen (only in case of noncolored, nonstabilized fiber without additives)

Hazardous Compounds : only additives, stabilizers and colors having their safety data sheets

Content (%) : 100% only in case of raw polypropylen (noncolored, nonstabilized fiber without additives)

typical additives – UV stabilizers, flame retardants, color pigments, surface finish – lubrication (avivage)

CAS Number: 9003-07-0

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Hazard warning :

R-phrases:

S-phrases:

3. Hazards identification

Hazards warning: nor required

Special instructions regarding humans : The product consists of a neutral polymer, no hazardous influence know

Special instructions regarding environment : no hazardous influence

SAFETY DATA SHEET
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POLYPROPYLENE FIBERS STAVON

from
20.2.2000
version A
Page 2 from 5

4. First aid measures

4.1. General information

No special measures necessary, which the chemical composition necessary.

4.2. After inhalation

Character of the material allows only invasion into the airways, not into the lungs. In case of the sickness or the invasion into the airways, call in a physician.

4.3. After contact with skin

In case of contact with the skin, clean it with soap and water. After contact with the molten product cool quickly with cold water. Do not pull the solidified product from the skin. Provide for medical treatment, wash with running water, if needed, call in a physician.

4.4. After contact with eyes

In case of contact with eyes rinse thoroughly with water. Begin with medical treatment.

4.5. After ingestion

Do not induce vomiting. Call in a physician and show him the Safety Data Sheet.

4.6. Hints for the physician

Show him the Safety Data Sheet. No specific antidotum. Symptomatic and sustentacular treatment.

5. Fire-fighting measures

5.1. Suitable extinguishing media

Foam, dry powder, carbon dioxide. Greater fire with watersplitter, waterfog or foam. Fire-fighting measures suit to the environment.

5.2. Extinguishing media that must not be used for safety reasons

Full water stream - in case of there is a lot of nonpacked fibers.

5.3. Special hazards from the substance itself, its combustion products or from its vapours

By the fire – the dangerous materials are carbon monoxide and carbon dioxide. Avoid inhalation of biting smoke and irritative vapours arising from the thermal decomposition.

5.4. Special protective equipment for firefighting

Fire resistant protective clothing, self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions

Avoid contact with the material and avoid access to the dangerous zone. Remove the fire sources. Particular danger - possibility of slipping on the spill or molten product.

6.2. Environmental precautions

Do not allow to enter to the sewer or water systems.

SAFETY DATA SHEET
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POLYPROPYLENE FIBERS STAVON

from
20.2.2000
version A
Page 3 from 5

6.3. Methods for cleaning up /taking up

Take up the spillt product mechanically and put into the clean and dry vessels (for the later disposal in accordance with the relevant regulations).

7. Handling and storage

7.1. Advice on safe handling

Advice on safe handling: Assure good ventilation at the working place, local exhaust may be necessary.

Advice on protection against fire and explosion : Take measurements to avoid electrostatic charging.

7.2. Considerations for storage

Requirements for storage rooms and vessels : Keep package tightly closed in a cool well ventilated place.

Other avices : Protect from moisture and direct sunlight

Advice on storage compatibility : not required

8. Exposure controls/personal protection

8.1. Technical control

No other technical measurement necessary.

8.2. Ingredients with occupational exposure libits to be monitored

Additional Hinweise : The product contains no ingredients with occupational exposure limits to be monitored. The highest allowed concentrations for staple fibers have not been set.

8.3. Personal protection equipment

General protective and hygiene measures : keep away from food, beverages and feed, wash hands before breaks and after end of work, do not drink, eat, smoke during the work.

Respiratory protection : ensure good ventilation or use a respirator

Hand, eye-, skin protection : not required

9. Physical and chemical properties

Form (at 20°C) : solid (fibers)

Color: raw white or characteristic from color pigments

Odour: in case of non colored fiber without surface finish or stabilization without odour

pH value:

Melting point/melting range : approx. 160-170°C

Boiling point/boiling range :

Flash point: cca 350-370°C

Ignition temperature : 390°C

Flammability :

Self-ignition :

Explosive properties :

Vapour pressure :

Density (at 20°C) : 0,9-0,91 g/cm³

Solubility in water at any temperature : insoluble

SAFETY DATA SHEET
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POLYPROPYLENE FIBERS STAVON

from
20.2.2000
version A
Page 4 from 5

Solubility in fats : insoluble

Oktanol/Water partition coefficient:

Other information : Solubility in other solvents – soluble in hot decaline, hot tetraline, boiling, tetrachlorethan, insoluble in cold organic solvent, no danger of explosion. Resist in alkali medium.

10. Stability and reactivity

Conditions under which is the product stable : at normal temperature and normal pressure

Conditions to avoid: contact with strong oxidation agents, excessive heat and open fire

Materials to avoid : dangerous reactions (avoid contact with these materials) : oxygen peroxide, nitric acid, strong oxidation agents (danger of fire and explosions), potassium permanganate (danger of ignition), liquid chlorine (quick reaction)

Hazardous decomposition products : under normal conditions, during thermic decomposition can biting smoke and irritative vapour arise, which can contain carbon monooxide.

11. Toxikological information

11.1. Acute toxicity

Toxicity for mammals : LD₅₀ oral - rat >3200 mg/kg

Specific symptoms during animal tests : no information available

Primary irritant effect : non irritant (skin/rabbit eye)

11.2. Subacute to chronic toxicity

Very mild toxic after ingestion of big doses, no toxic effect after inhalation.

Carcinogenity :

Mutagenity :

Reproduction toxicity :

11.3. Experience on man :

Sensitization :

Skinresorption :

Pregnancy group :

Constraint category :

Other advices : Present usage of the material in the industry has no negative physiological effects regarding workers. Based on our present state of knowledge and experience, the product causes no harmful reactions by appropriate handling.

12. Ecological information

12.1. Information on elimination (persistency and degradability) :

easy to eliminate

12.2. Behavior in environmental compartment :

neither negative behavior nor accumulation potential

12.3. Ecotoxicologic effect

Aquatic toxicity : Effect in water unknown.

12.4. Other advices :

CSB-value :

BSB₅-value :

AOX advices : Do not contribute to the rise of AOX-values in the waste water.
The product contains no heavy metals.

SAFETY DATA SHEET
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POLYPROPYLENE FIBERS STAVON

from
20.2.2000
version A
Page 5 from 5

Other information : The product contains no compounds dangerous to ozone, can be separated mechanically.

13. Disposal considerations

13.1. Product

Advise on disposal process : Could be disposed of according to local regulations (combustion or controlled dumping), reprocessed or recycled.

King of disposal :

For contaminated packing: contamination inconsiderable

14. Transport information

According to following transport regulations

Land transport ADR / RID and GGVS / GGVE : not restricted

Inland waterway transport ADN / ADNRR : not restricted

Sea transport IMDG / GGVSee : not restricted

Air transport ICAO-TI / IATA-DGR : not restricted

15. Regulatory information

15.1. Labelling in accordance with EC-Directives

The product does not require a hazard warning label in accordance with EC directives and the relevant national laws.

15.2. National regulations

Other regulations : Law. Nr. 125/1997 Sb. about waste, decree of the government Nr. 25/1999.

16. Other information

The information in this Safety Data Sheet concern only the product mentioned (polypropylene staple fibers) without any stabilization, surface finish or color. In case there was used some stabilizers, surface finish or colors, this sheet must be completed with Safety Data Sheets of all used Stoffe.

The above mentioned information are based on our present state of knowledge and experience. It should not therefore be construed as guaranteeing specific properties of the product described on their suitability for a particular application. The receivers of our product should follow all connected regulations and directives.