

1 Identification of substance:

- **Product details:**

- **Trade name:** CORECELL Foam Grades A, K, P, S and T
- **Application of the substance / the preparation** Structural Foam

- **Manufacturer/Supplier:**

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- **Informing department:**

Product safety department.
 Health, Safety & Environmental Protection Department

2 Composition/Data on components:

- **Chemical characterization:**

- **CAS No. Designation:**

9003-54-7 Styrene-acrylonitrile copolymer

- **Identification number(s):** None

- **Additional information:**

Corecell is a product of reacted polymers having some of the characteristics of SAN copolymer CAS No. 9003-54-7

3 Hazards identification

- **Hazard designation:** void

- **Information pertaining to particular dangers for man and environment**

No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

- **Additional information:**

This product is based on reacted SAN copolymers such as the CAS number listed above. Raw materials used during manufacture are bound within the polymer structure and as such are not expected to produce health hazards under normal handling and processing conditions. Trace levels of monomers may be released as decomposition products.

4 First aid measures

- **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

If inhalation of excessive dust is allowed then as with any dust some discomfort may be felt

- **After skin contact**

Wash the area with soap and water. There may be some minor irritation through abrasive contact with the product.

- **After eye contact**

There may be irritation through localised abrasion caused by dust. Do not rub the eye if affected. Rinse the opened eye for 15 minutes.

- **After swallowing** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents**

Water haze
 Carbon dioxide

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Fire-extinguishing powder
Foam

· **Special hazards caused by the material, its products of combustion or resulting gases:**

Carbon monoxide (CO)

Hydrogen cyanide (HCN)

Traces of Styrene, Acetylene, Ethylene and Acrylonitrile are also possible pyrolysis products

· **Protective equipment:**

Wear protective suit that provides total body coverage. Use self contained breathing apparatus.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:** Avoid causing dust.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:**
Do not allow the product to come into contact with naked flames or similar sources of ignition

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.
Ensure high levels of ventilation, especially when machining operations are performed.
Prevent formation of dust whenever possible.
Due to the highly insulative nature of the material it is possible that during some intensive machining operations such as powered sanding that high static discharges may be created. Temperatures generated during such operations may also generate localised thermal decomposition.
Take appropriate precautions to limit the risks.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store under dry conditions.
- **Specific applications**
Due to the nature of some of the decomposition products it is recommended that pregnant or breastfeeding women should not be involved in, or exposed to, machining operations on this product.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures** Do not inhale dust / smoke / mist.
- **Breathing equipment:**
Wear approved organic vapour cartridge respiratory protection if fumes are not adequately controlled.
Breathing protection recommended if excessive dust is generated.
- **Protection of hands:** Gloves required to protect from abrasion
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material** N/A

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· **Eye protection:**

Tightly sealed safety glasses.

· **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· **General Information**

Form:	Solid.
Colour:	Yellow
Odour:	Nearly odourless

· **Change in condition**

Melting point/Melting range:	80-120°C Softening point approx. 80 - 120°C
Boiling point/Boiling range:	Not determined

· **Flash point:** N/A °C· **Inflammability (solid, gaseous)** Flammable.· **Ignition temperature:** 490°C· **Danger of explosion:** Product is not explosive.· **Density at 20°C** 0.05 - 0.4 g/cm³· **Solubility in / Miscibility with**

Water:	Insoluble
Organic solvents:	0.0 %
Water:	0.0 %

· **Solids content:** 100.0 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.· **Dangerous products of decomposition:**

Traces of Styrene, Acetylene, Ethylene, Acrylonitrile, Carbon Monoxide and Dioxide and Hydrogen Cyanide are possible depending on conditions

· **Additional information:**

Decomposition may occur during excessive machining operations and exposure to naked flames or similar sources of ignition. Do not process material with heated tools such as hot wire cutter.

11 Toxicological information

· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** Abrasive irritation may be possible· **on the eye:** Abrasive irritation may be possible· **Sensitization:** No sensitizing effect known.· **Additional 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.

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The material is not subject to classification according to EC lists in the last version.

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12 Ecological information:

- **General notes:** This product exhibits no particular hazard to the environment

13 Disposal considerations

- **Product:**
- **Recommendation**
Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.
- **Uncleaned packagings:**
- **Recommendation:** No special measures required

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVSE Class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
The material is not subject to classification according to EC lists and other sources of literature known to us.
- **Safety phrases:**
22 Do not breathe dust.
23 Do not breathe smoke.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:**
Environment protection department.
Health, Safety & Environmental Protection Department
- **Contact:** As per Section 1
- *** Data compared to the previous version altered.**