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

1.1. Product identifier

Product name: J55 Support, SUP710 Polymerized
Synonyms:
Registration number REACH: Not applicable (article)
Product type REACH: Article

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

1.2.1 Relevant identified uses
Polymer: industrial use

1.2.2 Uses advised against
No uses advised against known

1.3. Details of the supplier of the Product Safety Information Sheet:

Supplier of the safety data sheet
Stratasys EMEA Regional Office
Airport Boulevard B 120
77836 Rheinmünster, Germany
☎ +49 722 97 77 20
info@stratasys.com
www.stratasys.com

1.4. Emergency telephone number

24h/24h:
+44 1235 23 96 70 - Europe - Multi lingual response
+1 215 207 00 61 - Americas - Multi lingual response
+61 2 801 445 58 – Australia - English Language response
+64 9 929 14 83 – New Zealand - English Language response
+65 313 810 74 - Asia-Pacific - Multi lingual response
+81 3 457 893 41 - Japan

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.2. Label elements
Labelling does not apply to articles

2.3. Other hazards
No other hazards known

SECTION 3: Composition/information on ingredients

This article contains a sensitising substance and may produce an allergic reaction

SECTION 4: First aid measures

4.1. Description of first aid measures

General:
If you feel unwell, seek medical advice.

After inhalation:
Not applicable.

After skin contact:
Observe normal hygiene standards.

After eye contact:
Observe normal hygiene standards.

After ingestion:
Observe normal hygiene standards.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1 Acute symptoms
After inhalation: No effects known.
After skin contact: No effects known.
After eye contact: No effects known.
After ingestion: No effects known.
4.2.2 Delayed symptoms
No effects known.
4.3. Indication of any immediate medical attention and special treatment needed
If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media
5.1.1 Suitable extinguishing media:
Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.
Major fire: Class B foam (not alcohol-resistant).
5.1.2 Unsuitable extinguishing media:
Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.
Major fire: Water; risk of puddle expansion.
5.2. Special hazards arising from the substance or mixture
Upon combustion: formation of CO, CO2 and small quantities of phosphorus oxides.
5.3. Advice for firefighters
5.3.1 Instructions:
No specific fire-fighting instructions required.
5.3.2 Special protective equipment for fire-fighters:

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No naked flames.
6.1.1 Protective equipment for non-emergency personnel
See heading 8.2
6.1.2 Protective equipment for emergency responders
Gloves. Protective clothing.
Suitable protective clothing
See heading 8.2
6.2. Environmental precautions
No data available
6.3. Methods and material for containment and cleaning up
Pick-up the material. Wash clothing and equipment after handling.
6.4. Reference to other sections
See heading 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Keep away from naked flames/heat. Observe normal hygiene standards.
7.2. Conditions for safe storage, including any incompatibilities
7.2.1 Safe storage requirements:
Storage temperature: 15 °C - 25 °C. Store at room temperature. Store in a dry area. Keep container in a well-ventilated place. Meet the legal requirements.
7.2.2 Keep away from:
Heat sources.
7.2.3 Suitable packaging material:
No data available
7.2.4 Non suitable packaging material:
No data available
7.3. Specific end use(s)
Not applicable
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values
   If limit values are applicable and available these will be listed below.

b) National biological limit values
   If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods
   If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended
   If limit values are applicable and available these will be listed below.

8.1.4 Threshold values
   If applicable and available it will be listed below.

8.1.5 Control banding
   If applicable and available it will be listed below.

8.2. Exposure controls

8.2.1 Appropriate engineering controls
   Keep away from naked flames/heat.

8.2.2 Individual protection measures, such as personal protective equipment
   Observe normal hygiene standards. Do not eat, drink or smoke during work.
   a) Respiratory protection:
      Not required for normal conditions of use.
   b) Hand protection:
      Not required for normal conditions of use.
   c) Eye protection:
      Not required for normal conditions of use.
   d) Skin protection:
      Not required for normal conditions of use.

8.2.3 Environmental exposure controls:
   See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical form</td>
<td>Gel</td>
</tr>
<tr>
<td>Colour</td>
<td>Light yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic odour</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Colour</td>
<td>Light yellow</td>
</tr>
<tr>
<td>Particle size</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not classified as flammable</td>
</tr>
<tr>
<td>Log Kow</td>
<td>Not applicable (article)</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not applicable (article)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water; insoluble; Sodium hydroxide solution; soluble</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No chemical group associated with explosive properties</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No chemical group associated with oxidising properties</td>
</tr>
<tr>
<td>pH</td>
<td>No data available (test not performed)</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absolute density</td>
<td>No data available (test not performed)</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and reactivity

10.1. Reactivity
Heating increases the fire hazard.

10.2. Chemical stability
No data available.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Precautionary measures
Keep away from naked flames/heat.

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
Upon combustion: formation of CO, CO$_2$ and small quantities of phosphorus oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity
J55 Support, SUP710 Polymerized
No (test)data available

Corrosion/irritation
J55 Support, SUP710 Polymerized

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time point</th>
<th>Species</th>
<th>Value determination</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal (on the ears)</td>
<td>Not irritating</td>
<td>Draize Skin Test</td>
<td>3 day(s)</td>
<td>1; 2; 3; 6 days</td>
<td>Mouse</td>
<td>Experimental value</td>
<td>Polar extract</td>
</tr>
<tr>
<td>Dermal (on the ears)</td>
<td>Not irritating</td>
<td>Draize Skin Test</td>
<td>3 day(s)</td>
<td>1; 2; 3; 6 days</td>
<td>Mouse</td>
<td>Experimental value</td>
<td>Non-polar extract</td>
</tr>
</tbody>
</table>

Conclusion
Not classified as irritating to the skin

Respiratory or skin sensitisation

J55 Support, SUP710 Polymerized

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Observation time point</th>
<th>Species</th>
<th>Value determination</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal (on the ears)</td>
<td>Not sensitizing</td>
<td>Mouse local lymph node assay (LLNA)</td>
<td>Mouse (female)</td>
<td>Experimental value</td>
<td>Non-polar extract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal (on the ears)</td>
<td>Not sensitizing</td>
<td>Mouse local lymph node assay (LLNA)</td>
<td>Mouse (female)</td>
<td>Experimental value</td>
<td>Polar extract</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conclusion
Not classified as sensitizing for skin

Specific target organ toxicity

J55 Support, SUP710 Polymerized
No (test)data available

Mutagenicity (in vitro)
J55 Support, SUP710 Polymerized
No (test)data available

Mutagenicity (in vivo)
J55 Support, SUP710 Polymerized
No (test)data available

Carcinogenicity
J55 Support, SUP710 Polymerized
No (test)data available
J55 Support, SUP710 Polymerized

Reproductive toxicity
J55 Support, SUP710 Polymerized
No (test)data available

Toxicity other effects
J55 Support, SUP710 Polymerized
No (test)data available

Chronic effects from short and long-term exposure
J55 Support, SUP710 Polymerized
Skin rash/inflammation.

SECTION 12: Ecological information

12.1. Toxicity
J55 Support, SUP710 Polymerized
No (test)data available

12.2. Persistence and degradability
Biodegradability in water: no data available

12.3. Bioaccumulative potential
J55 Support, SUP710 Polymerized

<table>
<thead>
<tr>
<th>Log Kow</th>
<th>Method</th>
<th>Value</th>
<th>Temperature</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable (article)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conclusion
No bioaccumulation data available

12.4. Mobility in soil
No (test)data on mobility of the components available

12.5. Results of PBT and vPvB assessment
Due to insufficient data no statement can be made whether the component(s) fulfill(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects
J55 Support, SUP710 Polymerized

Greenhouse gases
None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)
Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

13.1. Waste treatment methods
13.1.1 Provisions relating to waste
European Union
07 02 13 (wastes from the MFSU of plastics, synthetic rubber and man-made fibres: waste plastic).

13.1.2 Disposal methods
Remove waste in accordance with local and/or national regulations. Dispose of as office refuse.

13.1.3 Packaging/Container
No data available

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number
Transport
Not subject

14.2. UN proper shipping name

14.3. Transport hazard class(es)
Hazard identification number
### J55 Support, SUP710 Polymerized

<table>
<thead>
<tr>
<th>Class</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification code</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Packing group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
</tr>
<tr>
<td>Labels</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmentally hazardous substance mark</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special provisions</td>
</tr>
<tr>
<td>Limited quantities</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annex II of MARPOL 73/78</td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**European legislation:**

<table>
<thead>
<tr>
<th>VOC content</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC content Directive 2010/75/EU</td>
<td></td>
</tr>
</tbody>
</table>

**National legislation The Netherlands**

<table>
<thead>
<tr>
<th>Waterbezwaarlijkheid</th>
<th>Not applicable (article)</th>
</tr>
</thead>
</table>

**National legislation Germany**

<table>
<thead>
<tr>
<th>WGK</th>
<th>hwg; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017</th>
</tr>
</thead>
</table>

#### 15.2. Chemical safety assessment

No chemical safety assessment is required.

### SECTION 16: Other information

<table>
<thead>
<tr>
<th>(*)</th>
<th>INTERNAL CLASSIFICATION BY BIG</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADI</td>
<td>Acceptable daily intake</td>
</tr>
<tr>
<td>AOEIL</td>
<td>Acceptable operator exposure level</td>
</tr>
<tr>
<td>CLP (EU-GHS)</td>
<td>Classification, labelling and packaging (Globally Harmonised System in Europe)</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>EC50</td>
<td>Effect Concentration 50 %</td>
</tr>
<tr>
<td>ErC50</td>
<td>EC50 in terms of reduction of growth rate</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50 %</td>
</tr>
<tr>
<td>LD50</td>
<td>Lethal Dose 50 %</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
</tr>
<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative &amp; Toxic</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>STP</td>
<td>Sludge Treatment Process</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent &amp; very Bioaccumulative</td>
</tr>
</tbody>
</table>

The information in this Product Safety Information Sheet informs on the properties of certain substances, preparations or mixtures incorporated in the article. The Product Safety Information Sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this Product Safety Information Sheet does not release the user from the obligation to take all measures dictated by common sense, regulations, the guidelines of the manufacturer and recommendations or which are necessary and/or useful based on the real applicable circumstances. The Product Safety Information Sheet constitutes merely of guidelines and recommendations. The information in this Product Safety Information Sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. New Product Safety Information Sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the Product Safety Information Sheet, the information does not apply to other, even similar products. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This Product Safety Information Sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this Product Safety Information Sheet is subject to the licence and liability limiting conditions as stated in the agreement between BIG and the manufacturer of this product or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.