

## HypoGel® 200 OH

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product Name	HypoGel® 200 OH
Product Number	SP20011015000
Brand	Rapp Polymere
Synonyms	-
CAS Number	Not available
Reach Number	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses	Laboratory chemicals, manufacture of substances, chemical synthesis
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#### 1.3 Details of the supplier of the safety data sheet

Company	Rapp Polymere GmbH Ernst-Simon-Strasse 9 D-72072 Tübingen
Telephone	+49 (0)7071763157
Fax	+49 (0)7071763158
E-mail address	<a href="mailto:support@rapp-polymere.com">support@rapp-polymere.com</a>

#### 1.4 Emergency telephone

0800 181 7059 (CHEMTREC Deutschland)  
+49 (0)696 43508409 (CHEMTREC world wide)

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

#### 2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram	none
Signal Word	none
Hazard statement(s)	none
Precautionary statement(s)	none
Supplemental Hazard Statements	none

## 2.3 Other hazards

None.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Name of substance, percentage	HypoGel® 200 OH, 100%
CAS Number	Not available

## Section 4: First aid measures

### 4.1 Description of first aid measures

General notes	Take off contaminated clothing.
Following inhalation	Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.
Following skin contact	Rinse skin with soap and water/shower.
Following eye contact	Rinse cautiously with water for several minutes.
Following ingestion	Rinse mouth. Drink water (max. 2 glasses). Call a doctor if you feel unwell.

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

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder

### 5.2 Special hazards arising from the substance or mixture

Compound is combustible.

Hazardous combustion products	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrogen Oxides (NO <sub>x</sub> )
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## 5.3 Advice for firefighters

Coordinate firefighting measures to the fire surroundings. In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid inhaling dusts. Clear the danger zone, proceed according to the emergency plan, call in experts. For personal protective equipment see section 8.
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### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

Hazardous combustion products	see section 5. Personal protective equipment: see section 8. Incompatible
materials	see section 10. Disposal considerations: see section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on protection against fire and explosion	Provide appropriate exhaust ventilation at places where dust is formed. No special measures are necessary.
Advice on general occupational hygiene	Keep away from food, drink and animal feeding stuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Protect from sunlight.	
Incompatible substances or mixtures	Not known. Observe hints for combined storage.
Storage	Recommended storage temperature: 4 – 8 ° C or lower, in closed container away from sunlight.

Hygroscopic substance

## 7.3 Specific end use(s)

No information available.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

National limit values	Not available
Occupational exposure limit values (Workplace Exposure Limits)	Not available
Relevant DNELs and other threshold levels	40,2 mg/m <sup>3</sup> (worker, chronic exposition, inhalatory, systemic effects) 112 mg/kg KG/day (worker, chronic exposition, dermal, systemic effects)
Relevant PNECs and other threshold levels	0,273 g/l (aquatic organisms, freshwater, short-term) 27,3 mg/l (aquatic organisms, marine water, short term) 1030 mg/kg (aquatic organisms, freshwater sediment, short term) 103 mg/kg (aquatic organisms, marine sediment, short term) 46,4 mg/kg (terrestrial organisms, soil, short term)

### 8.2 Exposure controls

Individual protection measures

Eye/face

Use safety goggle with side protection.

Skin/hand

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN374. Nitrile rubber (NBR), 0.11 mm thickness, permeation level 6 (480 min).  
Take recovery periods for skin regeneration. Preventive skin protection (creams) is recommended.

Respiratory system

Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, color code: White).

Environmental Exposure

Keep away from drains, surface and ground water.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	solid
Color	White to yellow/beige
Odor	Not available
Melting point/freezing point	Not available
Boiling point or range	Not available
Flammability	Not available
Lower and upper explosion limit	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH (value) DIN 19268	Not available
Kinematic viscosity	Not available
Dynamic viscosity	Not available
Water solubility	Not available
Partition coefficient n-octanol/water (log value)	Not available
Soil organic carbon/water (log KOC)	Not available
Vapor pressure	Not available
Density	Not available
Relative vapor density	Not available
Bulk density	Not available
Particle characteristics	Not available
Oxidizing properties	Not available

### 9.2 Other information

Not available

## Section 10: Stability and reactivity

### 10.1 Reactivity

The enrichment of fine dust leads to the danger of dust explosion.

### 10.2 Chemical stability

Stable under recommended storage conditions, see 7.2.

<b>10.3 Possibility of hazardous reactions</b>	Not available
<b>10.4 Conditions to avoid</b>	Keep away from heat and sunlight. See section 10.2
<b>10.5 Incompatible materials</b>	Not available
<b>10.6 Hazardous decomposition products</b>	Hazardous combustion products: see section 5. Otherwise: toxic oxides of nitrogen and carbon may evolve when heated to decomposition.

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

Classification acc. to GHS	This substance does not meet the criteria for classification.
<b>Acute toxicity</b>	Not available
<b>Skin corrosion/irritation</b>	Not available
<b>Serious eye damage/eye irritation</b>	Not available
<b>Respiratory or skin sensitization</b>	Not available
<b>Germ cell mutagenicity</b>	Not available
<b>Carcinogenicity</b>	Not available
<b>Reproductive toxicity</b>	Not available
<b>Specific target organ toxicity - single exposure</b>	Not available
<b>Specific target organ toxicity - repeated exposure</b>	Not available
<b>Aspiration hazard</b>	Not available
<b>11.2 Endocrine disrupting properties</b>	Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$ .
<b>11.3 Information on other hazards</b>	Not available

## Section 12: Ecological Information

### 12.1 Toxicity

Not available

### 12.2 Persistence and degradability

Not available

### 12.3 Bioaccumulative potential

Not available

## 12.4 Mobility in soil

Not available

## 12.5 Results of PBT and vPvB assessment

Not available

## 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## 12.7 Other adverse effects

Not available

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

**Sewage disposal** Do not empty into drains.

**Waste treatment of containers/  
packaging** Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

### 13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### 13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

## Section 14: Transport information

**14.1 UN number or ID number** not regulated

**14.2 UN proper shipping name** -

**14.3 Transport hazard class(es)** -

**14.4 Packing group** -

**14.5 Environmental hazards** -

**14.6 Special precautions for user** -

## Section 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. Relevant provisions of the European Union (EU)**

Seveso Directive	Not assigned
Deco-Paint Directive	VOC content 0%
Industrial Emissions Directive (IED)	VOC content 0%
RoHS, PRTR, WFD, ODS, PIC, POP, GB, SVHC	Substance not listed

### Other information

AIIC, DSL, IECSC, ECSI, REACH Reg, CSCL-ENCS, KECI, NZIoC, PICCS, CICR, TCSI, TSCA, NCI	Substance not listed
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### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance.

## Section 16: Other information

### Indication of changes. Revision of safety data sheet.

New document

### Abbreviations and acronyms

<b>ADR</b>	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
<b>AIIC</b>	Australian Inventory of Industrial Chemicals
<b>BCF</b>	Bioconcentration factor
<b>CAS</b>	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
<b>CICR</b>	Chemical Inventory and Control Regulation
<b>CSCL-ENCS</b>	List of Existing and New Chemical Substances (CSCL-ENCS)
<b>DGR</b>	Dangerous Goods Regulations (see IATA/DGR)
<b>DNEL</b>	Derived No-Effect Level
<b>DSL</b>	Domestic Substances List
<b>EC50</b>	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval

<b>EC No</b>	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
<b>ECSI</b>	EC Substance Inventory
<b>ED</b>	Endocrine disruptor
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>GB REACH</b>	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)
<b>GHS</b>	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
<b>IATA</b>	International Air Transport Association
<b>IATA/DGR</b>	Dangerous Goods Regulations (DGR) for the air transport (IATA)
<b>ICAO</b>	International Civil Aviation Organization
<b>IECSC</b>	Inventory of Existing Chemical Substances Produced or Imported in China
<b>IMDG</b>	International Maritime Dangerous Goods Code
<b>KECI</b>	Korea Existing Chemicals Inventory
<b>LC50</b>	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
<b>LD50</b>	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
<b>NCI</b>	National Chemical Inventory
<b>NLP</b>	No-Longer Polymer
<b>NZIoC</b>	New Zealand Inventory of Chemicals
<b>PBT</b>	Persistent, Bioaccumulative and Toxic
<b>PICCS</b>	Philippine Inventory of Chemicals and Chemical Substances
<b>PNEC</b>	Predicted No-Effect Concentration

<b>REACH</b>	Registration, Evaluation, Authorization and Restriction of Chemicals
<b>REACH Reg.</b>	REACH registered substances
<b>RID</b>	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
<b>TCSI</b>	Taiwan Chemical Substance Inventory
<b>TSCA</b>	Toxic Substance Control Act
<b>VOC</b>	Volatile Organic Compounds
<b>vPvB</b>	Very Persistent and very Bioaccumulative

## Further information

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