# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## CP-Synthofloor 8463 Part B

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### 1. Identification

**Product identifier**

CP-Synthofloor 8463 Part B

**Recommended use of the chemical and restrictions on use**

**Use of the substance/mixture**

Coatings and paints, fillers, putties, thinners

**Details of the supplier of the safety data sheet**

| Company name: | Ceramic Polymer GmbH |
| Street: | Daimlerstrasse 9 |
| Place: | DE-32289 Roedinghausen - Germany |
| Telephone: | +49(0) 52 23 / 9 62 76-0 |
| e-mail: | info@ceramic-polymer.de |
| Internet: | www.ceramic-polymer.de |
| Responsible Department: | |

**Emergency phone number:** 24 hours per day, 7 days per week Call Infotrac: 1-800-535-5053

Outside N. America: +1 352-323-3500 (collect)

### 2. Hazard(s) identification

**Classification of the chemical**

29 CFR Part 1910.1200

- Flammable liquids: Flam. Liq. 4
- Acute toxicity: Acute Tox. 4
- Acute toxicity: Acute Tox. 4
- Acute toxicity: Acute Tox. 4
- Skin corrosion/irritation: Skin Corr. 1B
- Serious eye damage/eye irritation: Eye Dam. 1
- Respiratory or skin sensitization: Skin Sens. 1
- Hazard Statements:
  - Combustible liquid
  - Harmful if swallowed
  - Harmful in contact with skin
  - Harmful if inhaled
  - Causes severe skin burns and eye damage
  - Causes serious eye damage
  - May cause an allergic skin reaction

**Label elements**

29 CFR Part 1910.1200

**Signal word:** Danger

**Pictograms:**

- Combustible liquid
- Harmful if swallowed, in contact with skin or if inhaled
- Causes severe skin burns and eye damage
May cause an allergic skin reaction

Precautionary statements
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing must not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If swallowed: Rinse mouth. Do NOT induce vomiting.
- If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- If inhaled: Remove person to fresh air and keep comfortable for breathing.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- Continue rinsing.
- Immediately call a poison center/doctor.
- Take off contaminated clothing and wash it before reuse.
- Store in a well-ventilated place.
- Store locked up.
- Dispose of waste according to applicable legislation.

Hazards not otherwise classified
- No information available.

3. Composition/information on ingredients

Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>45 %</td>
</tr>
<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>31 %</td>
</tr>
<tr>
<td>161278-35-9</td>
<td>polymer based on dipropylenetriamine</td>
<td>24 %</td>
</tr>
</tbody>
</table>

4. First-aid measures

Description of first aid measures

General information
- Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation
- In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

After contact with skin
- After contact with skin, wash immediately with plenty of water and soap. Seek medical advice immediately.
- Do not wash with: Solvents/Thinner

After contact with eyes
- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion
- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
- Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed
- No information available.
5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
- Dry extinguishing powder. Carbon dioxide (CO2). alcohol resistant foam. Water spray jet

Unsuitable extinguishing media
- High power water jet

Specific hazards arising from the chemical
- Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx)

Special protective equipment and precautions for fire-fighters
- Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Additional information
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
- Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes.
- Do not breathe dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Environmental precautions
- Do not allow to enter into surface water or drains. Cover drains.

Methods and material for containment and cleaning up
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections
- See protective measures under point 7 and 8. Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling
- Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes.
- Do not breathe dust/fume/gas/mist/vapours/spray. Keep container tightly closed.

Advice on protection against fire and explosion
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
- Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

Advice on storage compatibility
- Do not store together with:
  - Food and feedingstuffs
  - Oxidising agent
8. Exposure controls/personal protection

Control parameters

Additional advice on limit values
To date, no national critical limit values exist.

Exposure controls

Appropriate engineering controls
Provide adequate ventilation as well as local exhaustion at critical locations.

Protective and hygiene measures
Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

Eye/face protection
Suitable eye protection:
Eye glasses with side protection, goggles

Hand protection
Wear protective gloves.

Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Workplace protection
Wear cotton undermitten if possible. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection
Protective clothing

Respiratory protection
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Combination filtering device (EN 14387) A-P3
Self-contained respirator (breathing apparatus) (DIN EN 133)

Environmental exposure controls
Avoid release to the environment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: liquid
Color: No information available.
Odor: characteristic

Test method
pH-Value: not determined

Changes in the physical state
Melting point/freezing point: not determined
Initial boiling point and boiling range: not determined
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
Flash point: 90 °C

**Flammability**

Solid: not determined
Gas: not determined

**Explosive properties**

No information available.

Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: > 400 °C

**Auto-ignition temperature**

Solid: not determined
Gas: not determined

Decomposition temperature: not determined

**Oxidizing properties**

No information available.

Vapor pressure: not determined
(at 25 °C)
Density (at 23 °C): 1.1 g/cm³
Water solubility: not determined

**Solubility in other solvents**

No information available.

Partition coefficient: not determined
Viscosity / dynamic: 400 mPa·s
(at 23 °C)
Viscosity / kinematic: not determined
Vapor density: not determined
Evaporation rate: not determined

**Other information**

Odour threshold: not determined

**10. Stability and reactivity**

**Reactivity**

Combustible liquid.

**Chemical stability**

Stability: Stable
The substance is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

Hazardous reactions: May occur
Reacts with: Acid, Oxidising agent
Conditions to avoid
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Incompatible materials
Acid, Oxidising agent

Hazardous decomposition products
Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry
oral, dermal, inhalative, Eye contact.

Acute toxicity
Harmful if swallowed, in contact with skin or if inhaled

ATEMix calculated
ATE (oral) 944.5 mg/kg; ATE (dermal) 2000.0 mg/kg; ATE (inhalative aerosol) 3,333 mg/l

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>1620 mg/kg</td>
<td>Rat, Manufacturer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>ATE</td>
<td>11 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative aerosol</td>
<td>ATE</td>
<td>1,5 mg/l</td>
<td></td>
</tr>
<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>oral</td>
<td>LD50</td>
<td>1030 mg/kg</td>
<td>Rat, Manufacturer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>1100 mg/kg</td>
<td></td>
</tr>
<tr>
<td>161278-35-9</td>
<td>polymer based on dipropyleneetriamine</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>1100 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Causes severe skin burns and eye damage

Sensitizing effects
May cause an allergic skin reaction (3-aminomethyl-3,5,5-trimethylcyclohexylamin; polymer based on dipropyleneetriamine)

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure
Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure
Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): No ingredient of this mixture is listed.
Carcinogenicity (IARC): No ingredient of this mixture is listed.
Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Aspiration hazard
Based on available data, the classification criteria are not met.
12. Ecological information

Ecotoxicity
Harmful to aquatic life with long lasting effects.

Persistence and degradability
The product has not been tested.

Bioaccumulative potential
The product has not been tested.

Mobility in soil
The product has not been tested.

Other adverse effects
No information available.

Further information
Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Advice on disposal
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging
Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

14. Transport information

US DOT 49 CFR 172.101

UN/ID number: UN 2735

Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorondiamine, polymer based on dipropylenetriamine)

Transport hazard class(es): 8

Packing group: III

Hazard label: 8

Marine transport (IMDG)

UN number: UN 2735

UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorondiamine, polymer based on dipropylenetriamine)

Transport hazard class(es): 8

Packing group: III

Hazard label: 8

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-A, S-B

Segregation group: 18 - alkalis

Air transport (ICAO-TI/IATA-DGR)

UN number: UN 2735

UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorondiamine, polymer based on dipropylenetriamine)

Transport hazard class(es): 8
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Packing group: III
Hazard label: 8
Limited quantity Passenger: 1 L
Passenger LQ: Y841
Excepted quantity: E1
IATA-packing instructions - Passenger: 852
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 856
IATA-max. quantity - Cargo: 60 L

Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user
No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available.

15. Regulatory information

U.S. Regulations
National Inventory TSCA
3-aminomethyl-3,5,5-trimethylcyclohexylamin: Yes.
benzyl alcohol: Yes.
polymer based on dipropylenetriamine: No

National regulatory information
SARA Section 311/312 Hazards:
benzyl alcohol (100-51-6): Immediate (acute) health hazard
3-aminomethyl-3,5,5-trimethylcyclohexylamin (2855-13-2): Immediate (acute) health hazard
polymer based on dipropylenetriamine (161278-35-9): Immediate (acute) health hazard

State Regulations
Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)
This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)
Health: 2
Flammability: 1
Physical Hazard: 1

NFPA Hazard Ratings
Health: 2
Flammability: 1
Reactivity: 1
Unique Hazard:
Revision date: 07/11/2017
Revision No: 1,00

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(R:European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:Règlement international concernant le transport des marchandises dangereuses par chemin de fer
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(Capitalog of the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)