1. Product and Company Identification

**Product Name:** AWA-GEL (Part A)  
**Product Use:** Anchoring

**Company Identification:**  
E-Chem, LLC  
2944 William St. SE  
Albuquerque, NM 87102  
Contact Phone: 505.217.2121  
(7:00a.m. – 4:00p.m. MST)

**Emergency Phone:**  
ChemTrec:  
1.800.424.9300 (24hrs)  
Outside the US, call collect 703.527.3887

2. Hazards Identification (Part A)

**Classification of the chemical**

**Hazard categories:**  
- Skin corrosion/irritation: Skin Irrit. 2  
- Serious eye damage/eye irritation: Eye Dam. 1  
- Respiratory/skin sensitization: Skin Sens. 1  
- Specific target organ toxicity - single exposure: STOT SE 3

**Hazard Statements:**  
- Causes skin irritation  
- May cause an allergic skin reaction  
- Causes serious eye damage  
- May cause respiratory irritation

**Label elements**  
- Signal word: Danger  
- Pictograms: corrosion; exclamation mark

![Corrosion Pictogram]

**Precautionary statements**  
- If medical advice is needed, have product container or label at hand.  
- Keep out of reach of children.  
- Wear protective gloves/protective clothing/eye protection/face protection.  
- 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.

**Hazards not otherwise classified**  
- No data available.
3. Composition/ Information on Ingredients (Part A)

Mixtures
Chemical characterization
Mortar

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1</td>
<td>Portland cement</td>
<td>25 - 50 %</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz, silicium dioxide</td>
<td>10 - 25 %</td>
</tr>
<tr>
<td>27813-02-1</td>
<td>Methacrylic acid, monoester with propane-1,2-diol</td>
<td>2.5 - 10 %</td>
</tr>
</tbody>
</table>

4. First Aid Measures (Part A)

Description of first aid measures
General information
Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

After inhalation
Move to fresh air in case of accidental inhalation of vapors or decomposition products.
In the event of symptoms refer for medical treatment.

After contact with skin
Wash off immediately with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes
Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
Seek medical treatment by eye specialist.

After ingestion
Do not induce vomiting.
If swallowed give water to drink.
Seek medical treatment immediately.

Most important symptoms and effects, both acute and delayed
DANGER!
Irritant to eyes, skin and respiratory system.
May cause an allergic skin reaction.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed
Treat symptoms.

5. Fire Fighting Measures (Part A)

Extinguishing media
Suitable extinguishing media
Foam, carbon dioxide (CO2), dry chemical, water-spray
Sand

Unsuitable extinguishing media
Full water jet

Specific hazards arising from the chemical
Risk of formation of toxic pyrolysis products.

Special protective equipment and precautions for fire-fighters
Use breathing apparatus with independent air supply.
6. Accidental Release Measures (Part A)

Personal precautions, protective equipment and emergency procedures
- Remove persons to safety.
- Ensure adequate ventilation.

Environmental precautions
- Clean contaminated surface thoroughly.
- Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up
- Take up mechanically and send for disposal.
- Shovel into suitable container for disposal.

Reference to other sections
- Information for disposal look up chapter 13.

7. Handling and Storage (Part A)

Precautions for safe handling
Advice on safe handling
- Use only in thoroughly ventilated areas.
- Avoid contact with skin, eyes and clothing.
- When using do not eat, drink or smoke.

Further information on handling
- Protect from direct solar radiation.

Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
- Storage: cool and dry

Further information on storage conditions
- Keep away from food, drink and animal feeding stuffs.

8. Exposure Control and Personal Protection (Part A)

Control parameters
Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>t/c</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1</td>
<td>Portland cement (total)</td>
<td>-</td>
<td>10</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>65997-15-1</td>
<td>Portland cement (respirable fraction)</td>
<td>-</td>
<td>1</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>TLV</td>
</tr>
<tr>
<td>65997-15-1</td>
<td>Portland cement (respirable fraction)</td>
<td>-</td>
<td>5</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>-</td>
<td>0.05</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline - alpha-quartz (respirable fraction)</td>
<td>-</td>
<td>0.025</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>TLV</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>(Z-3)</td>
<td>10 (Z-3)</td>
<td>REL</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>
Additional advice on limit values
Quartz, silicium dioxide*
*An inhalation risk is not expected in this form.

Exposure controls
Appropriate engineering controls
Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Remove and wash contaminated clothes before re-use.

Eye/face protection
Tightly fitting goggles.

Hand protection
Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0.7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butobject 898> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection
Long sleeved clothing.

Respiratory protection
Not required under normal use.
Use suitable breathing apparatus if there is inadequate ventilation.

9. Physical and Chemical Properties (Part A)

Information on basic physical and chemical properties
Physical state: Paste
Color: Grey
Odor: Characteristic

pH-Value (at 20 °C): n.d.

Changes in the physical state
Melting point/freezing point: n.d.
Initial boiling point and boiling range: n.d.
Flash point: >100 °C DIN ISO 2592
Lower explosion limits: n.d.
Upper explosion limits: n.d.
Vapor pressure: (at 20 °C) n.d. DIN 51616
Density (at 20 °C): 1.7 - 1.8 g/cm³ DIN 51757
Water solubility:(at 20 °C) n.d.
Viscosity / dynamic: 120-160 Pas Brookfield
VOC Content: See section 9 of part B for VOC content
10. Stability and Reactivity (Part A)

Reactivity
No decomposition if stored and applied as directed.

Chemical stability
Stability: Stable
No decomposition if stored and applied as directed.

Possibility of hazardous reactions
Hazardous reactions: Will not occur
No data available.

Conditions to avoid
Keep away from heat and sources of ignition.

Incompatible materials
Reactions with metals in powder form.
Reactions with strong acids and alkalies.
Reactions with strong oxidizing agents.

Hazardous decomposition products
Carbon monoxide and carbon dioxide
Nitrous oxides (NOx)

Further information
No decomposition if stored and applied as directed.

11. Toxicological Information (Part A)

Information on toxicological effects
Route(s) of Entry
Skin and eye contact, inhalation and ingestion.

Acute toxicity
Based on available data, the classification criteria are not met.

Irritation and corrosivity
Causes skin irritation.
Causes serious eye damage.

Sensitizing effects
May cause an allergic skin reaction (Methacrylic acid, monoester with propane-1,2-diol).

Specific target organ toxicity (STOT) - single exposure
May cause respiratory irritation (Portland cement).

Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

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

Carcinogenicity (NTP): Not listed
Carcinogenicity (IARC): Not listed
Carcinogenicity (OSHA): Not listed

Aspiration hazard
Based on available data, the classification criteria are not met.
12. Ecological Information (Part A)

Ecotoxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
No data available.

Further information
Do not discharge product unmonitored into the environment.
Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations (Part A)

Waste treatment methods
Advice on disposal
Can be incinerated, when in compliance with local regulations.
Where possible recycling is preferred to disposal.

Contaminated packaging
Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packagings are to be treated like the product itself.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transportation Information (Part A)

US DOT 49 CFR 172.101
Proper shipping name: Not regulated.

Other applicable information
Non-hazardous material as defined by the transport regulations.

15. Regulatory Information (Part A)

U.S. Regulations
National Inventory TSCA
All of the components are listed on the TSCA inventory.

National regulatory information
SARA Section 311/312 Hazards:
Portland cement (65997-15-1): Immediate (acute) health hazard
Methacrylic acid, monoester with propane-1, 2-diol (27813-02-1): Immediate (acute) health hazard

SARA
To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.
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 (Part A)

Hazardous Materials Information Label (HMIS)
- Health: 1
- Flammability: 1
- Physical Hazard: 0

NFPA Hazard Ratings
- Health: 1
- Flammability: 1
- Physical Hazard: 0
- Unique Hazard:

Other data
The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)
1. Product and Company Identification

**Product Name:** AWA-GEL (Part B)

**Company Identification:**
E-Chem, LLC  
2944 William St. SE  
Albuquerque, NM 87102  
Contact Phone: 505.217.2121 (7:00a.m. – 4:00p.m. MST)

**Product Use:** Anchoring

**Emergency Phone:**
ChemTrec:  
1.800.424.9300 (24hrs)  
Outside the US, call collect 703.527.3887

2. Hazards Identification (Part B)

**Classification of the chemical**

Hazard categories:
- Respiratory or skin sensitization: Skin Sens. 1
- Specific target organ toxicity repeated or prolonged exposure: STOT RE 2

**Hazard Statements:**
- May cause an allergic skin reaction.
- May cause damage to organs through prolonged or repeated exposure.
- Toxic to aquatic life with long lasting effects.

**Label elements**
- Signal word: Warning
- Pictograms: exclamation mark
- May cause an allergic skin reaction.
- May cause damage to organs through prolonged or repeated exposure.
- Toxic to aquatic life with long lasting effects.

**Precautionary statements**
- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/face protection.

**Hazards not otherwise classified**
- No data available.
3. Composition/ Information on Ingredients (Part B)

Mixtures

Chemical characterization
Hardener based on dibenzoyl peroxide

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Quartz, silicium dioxide</td>
<td>&gt; 50 %</td>
</tr>
<tr>
<td>94-36-0</td>
<td>dibenzoyl peroxide; benzoyl peroxide</td>
<td>2.5 - 10 %</td>
</tr>
<tr>
<td>107-21-1</td>
<td>ethanediol, ethylene glycol</td>
<td>2.5 - 10 %</td>
</tr>
</tbody>
</table>

4. First Aid Measures (Part B)

Description of first aid measures

General information
Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

After inhalation
Move to fresh air in case of accidental inhalation of vapors or decomposition products.
In the event of symptoms refer for medical treatment.

After contact with skin
Wash off immediately with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes
Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
Seek medical treatment by eye specialist.

After ingestion
Do not induce vomiting.
If swallowed give water to drink.
Seek medical treatment immediately.

Most important symptoms and effects, both acute and delayed

WARNING!
Irritant to eyes, skin and respiratory system.
May cause an allergic skin reaction.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Fire Fighting Measures (Part B)

Extinguishing media

Suitable extinguishing media
Foam, carbon dioxide (CO2), dry chemical, water-spray
Sand

Unsuitable extinguishing media
Full water jet
Specific hazards arising from the chemical
Risk of formation of toxic pyrolysis products.

Special protective equipment and precautions for fire-fighters
Use breathing apparatus with independent air supply.

6. Accidental Release Measures (Part B)

Personal precautions, protective equipment and emergency procedures
Remove persons to safety.
Ensure adequate ventilation.
Keep away from sources of ignition.

Environmental precautions
Clean contaminated surface thoroughly.
Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up
Take up mechanically.
Shovel into suitable container for disposal.

Reference to other sections
Information for disposal look up chapter 13.

7. Handling and Storage (Part B)

Precautions for safe handling
Advice on safe handling
Use only in thoroughly ventilated areas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.

Further information on handling
Protect from direct solar radiation.

Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Storage: cool and dry

Further information on storage conditions
Keep away from food, drink and animal feeding stuffs.

8. Exposure Control and Personal Protection (Part B)

Control parameters
Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>f/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>Benzoil peroxide</td>
<td>-</td>
<td>5</td>
<td></td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>107-21-1</td>
<td>Ethylene glycol (aerosol only)</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>-</td>
<td>0.05</td>
<td></td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline - alpha-quartz (respirable fraction)</td>
<td>-</td>
<td>0.025</td>
<td></td>
<td>TWA (8 h)</td>
<td>TLV</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>(Z-3)</td>
<td>(Z-3)</td>
<td></td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>
Additional advice on limit values
Quartz, silicium dioxide*
*An inhalation risk is not expected in this form.

Exposure controls
Appropriate engineering controls
Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Remove and wash contaminated clothes before re-use.

Eye/face protection
Tightly fitting goggles.

Hand protection
Not required for normal use.
Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection
Long sleeved clothing

Respiratory protection
Not required under normal use.
Use suitable breathing apparatus if there is inadequate ventilation.

9. Physical and Chemical Properties (Part B)

Information on basic physical and chemical properties
Physical state: Paste
Color: Black
Odor: Characteristic

pH-Value (at 20 °C): n.d. Test method

Changes in the physical state
Melting point/freezing point: n.d.
Initial boiling point and boiling range: n.d.
Flash point: >100 °C DIN ISO 2592
Lower explosion limits: n.d.
Upper explosion limits: n.d.
Vapor pressure: (at 20 °C) n.d. DIN 51616
Density (at 20 °C): 1.7 - 1.8 g/cm³ DIN 51757
Water solubility:(at 20 °C) n.d.
Viscosity / dynamic: 70-110 Pas Brookfield
VOC Content: 11 g/L (tested per ASTM D2369-10)
10. Stability and Reactivity (Part B)

Reactivity
No decomposition if stored and applied as directed.

Chemical stability
Stability: Stable
Stable under normal conditions

Possibility of hazardous reactions
Hazardous reactions: Will not occur
No data available.

Conditions to avoid
No decomposition if stored and applied as directed.

Incompatible materials
Reactions with metals in powder form.
Reactions with strong acids and alkalies.
Reactions with strong oxidizing agents.

Hazardous decomposition products
Carbon monoxide and carbon dioxide
Nitrous oxides (NOx)

Further information
No decomposition if stored and applied as directed.

11. Toxicological Information (Part B)

Information on toxicological effects

Route(s) of Entry
Skin and eye contact, inhalation and ingestion.

Acute toxicity
Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-21-1</td>
<td>ethanediol, ethylene glycol</td>
<td>Oral</td>
<td>LD50</td>
<td>5840 mg/kg</td>
<td>Rat</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dermal</td>
<td>LD50</td>
<td>9530 mg/kg</td>
<td>Rabbit</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Based on available data, the classification criteria are not met.

Sensitizing effects
May cause an allergic skin reaction (dibenzoyl peroxide; benzoyl peroxide).

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

Severe effects after repeated or prolonged exposure
May cause damage to organs through prolonged or repeated exposure (ethanedioul, ethylene glycol).

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.
Carcinogenicity (NTP): Not listed
Carcinogenicity (IARC): Not listed
Carcinogenicity (OSHA): Not listed

Aspiration hazard
Based on available data, the classification criteria are not met.
12. Ecological Information (Part B)

Ecotoxicity
   No data available.
Persistence and degradability
   No data available.
Bioaccumulative potential
   No data available.
Mobility in soil
   No data available.
Other adverse effects
   No data available.
Further information
   Do not discharge product unmonitored into the environment.
   Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations (Part B)

Waste treatment methods
   Advice on disposal
      Can be incinerated, when in compliance with local regulations.
      Where possible recycling is preferred to disposal.
   Contaminated packaging
      Empty containers should be taken for local recycling, recovery or waste disposal.
      Contaminated packagings are to be treated like the product itself.
      Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transportation Information (Part B)

US DOT 49 CFR 172.101
   UN/ID number: UN 3077
   Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)
   Transport hazard class(es): 9
   Packing group: III
   Hazard label: 9

Marine transport (IMDG)
   UN number: UN3077
   UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)
   Transport hazard class(es): 9
   Packing group: III
   Hazard label: 9
   Limited quantity: 5 kg
   Excepted quantity: E1
   EmS: F-A, S-F
Air transport (ICAO)
UN number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)
Transport hazard class(es): 9
Packing group: III
Hazard label: 9
Limited quantity Passenger: 30 kg G
Passenger LQ: Y956
Exception quantity:
IATA- packing instructions- Passenger: 956
IATA- max. quantity- Passenger: 400 kg
IATA- packing instructions- Cargo: 956
IATA- max. quantity- Cargo: 400 kg

Other applicable information
Non-hazardous material as defined by the transport regulations.

15. Regulatory Information (Part B)

U.S. Regulations
National Inventory TSCA
All of the components are listed on the TSCA inventory.
National regulatory information
SARA Section 304 CERCLA:
Ethylene glycol (107-21-1): Reportable quantity = 5,000 (2270) lbs. (kg)
SARA Section 311/312 Hazards:
Benzoyl peroxide (94-36-0): Reactive, Immediate (acute) health hazard
Ethylene glycol (107-21-1): Immediate (acute) health hazard, Delayed (chronic) health hazard SARA
Section 313 Toxic release inventory:
Benzoyl peroxide (94-36-0): De minimis limit = 1.0%, Reportable threshold = Standard
Ethylene glycol (107-21-1): De minimis limit = 1.0%, Reportable threshold = Standard
Clean Air Act Section 112 (b):
Ethylene glycol (107-21-1)
SARA
To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

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 (Part B)

Hazardous Materials Information Label (HMIS)
- Health: *1
- Flammability: 1
- Physical Hazard: 0

NFPA Hazard Ratings
- Health: 1
- Flammability: 1
- Physical Hazard: 0
- Unique Hazard:

Other data
The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)