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

1.1 Product identifier:
Trade name: GELACRYL TI B1
CAS Number: 7775-27-1
EC number: 231-892-1

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

1.3 Details of the supplier of the safety data sheet:
Manufacturer/supplier:
De Neef Construction Chemicals BVBA
Industriepark 8,
2220 Heist-op-den-Berg,
Belgium.
Tel: +32 15 24 93 60
Fax: +32 15 24 80 72
Further information obtainable from: conchem@deneef.com

1.4 Emergency telephone number:
+44 (0)1235 239 670 (Multi-lingual – 24 Hours)
+44 (0)1235 239 671 (Dedicated phone line for Arabic speaking countries - 24 Hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008
Ox. Sol. 2 H272 May intensify fire; oxidiser.
Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Acute Tox. 4 H302 Harmful if swallowed.
Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements:
Labelling according to Regulation (EC) No 1272/2008
The substance is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS03  GHS07  GHS08

Signal word Danger

Hazard-determining components of labelling:
disodium peroxodisulphate

Hazard statements:
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.

Precautionary statements:
P261 Avoid breathing dust.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P285 In case of inadequate ventilation wear respiratory protection.
P220 Keep/Store away from clothing/combustible materials.
Trade name: **GELACRYL TI B1**

According to 1272/2008/EC (CLP)

P302+P352 IF ON SKIN: Wash with plenty of water.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

### 2.3 Other hazards:

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical characterisation: Substances

**CAS No. Description:**

7775-27-1 disodium peroxodisulphate

**Identification number(s):**

**EC number:** 231-892-1

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** No special measures required.

**After skin contact:** Wash with plenty of soap and water.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

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

May cause sensitisation by skin contact.

Harmful if swallowed.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray.

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

No further relevant information available.

#### 5.3 Advice for firefighters:

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

(Contd. of page 1)
6.2 Environmental precautions:
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:
Prevent formation of dust.
Do not eat, drink or smoke when using this product.
Store in a well-ventilated place. Keep container tightly closed.
Keep only in original container.
Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:
STORAGE
Information about storage in one common storage facility: No special measures required.
Further information about storage conditions:
Store in a dry place.
Keep cool.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:
Ingredients with limit values that require monitoring at the workplace:

Not required.

Additional information: Based on the lists valid at the date of MSDS creation.

8.2 Exposure controls:
PERSONAL PROTECTIVE EQUIPMENT
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Filter P

Protection of hands: Protective gloves.
Material of gloves: Rubber gloves.
Trade name: **GELACRYL TI B1**

Penetration time of glove material:
The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.
Take off contaminated clothing and wash before reuse.

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties:**

<table>
<thead>
<tr>
<th><strong>GENERAL INFORMATION</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td>Solid.</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>White.</td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td>Odourless.</td>
</tr>
<tr>
<td><strong>Odour threshold:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>pH-value (~):</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Change in conditions:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Melting point/Melting range:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Boiling point/Boiling range:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Flammability (solid, gaseous):</strong></td>
<td>Contact with combustible material may cause fire.</td>
</tr>
<tr>
<td><strong>Ignition temperature:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Decomposition temperature:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Self-igniting:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Danger of explosion:</strong></td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

**EXPLOSION LIMITS**

| **Lower:** | Not determined. |
| **Upper:** | Not determined. |
| **VOC Content:** | Not determined. |

| **Vapour pressure:** | Not applicable. |
| **Density at 20 °C:** | 1.1 g/cm³ |
| **Relative density:** | Not determined. |
| **Vapour density:**  | Not applicable. |
| **Evaporation rate:** | Not applicable. |

| **Solubility in/Miscibility with:** |  |
| **Water:** | Fully miscible. |
| **Partition coefficient (n-octanol/water):** | Not determined. |

**VISCOSITY**

| **Dynamic:** | Not applicable. |
| **Kinematic:** | Not applicable. |
| **Molecular weight:** | 238.09 g/mol |
| **Vapor pressure:** | Not applicable. |

**9.2 Other information:**
No further relevant information available.
SECTION 10: Stability and reactivity

10.1 Reactivity: Stable under normal conditions.

10.2 Chemical stability:
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

ACUTE TOXICITY
Primary irritant effect:-
on the skin: No irritating effect.
on the eye: No irritating effect.

Ingestion:
Harmful if swallowed.

Sensitisation:
Sensitisation possible through inhalation.
Sensitisation possible through skin contact.

SECTION 12: Ecological information

12.1 Toxicity:
AQUATIC TOXICITY No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION
General notes: Not known to be hazardous to water.

12.5 Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
**Trade name:** GELACRYL TI B1

**UNCLEANED PACKAGING**

Recommendation: Disposal must be made according to official regulations.

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### SECTION 14: Transport information

<table>
<thead>
<tr>
<th><strong>14.1 UN-Number</strong></th>
<th>UN1505</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>14.2 UN proper shipping name</strong></td>
<td>SODIUM PERSULPHATE</td>
</tr>
<tr>
<td><strong>14.3 Transport hazard class(es)</strong></td>
<td>Class 5.1 Oxidising substances.</td>
</tr>
<tr>
<td><strong>14.4 Packing group</strong></td>
<td>III</td>
</tr>
<tr>
<td><strong>14.5 Environmental hazards:</strong></td>
<td>Marine pollutant: No.</td>
</tr>
<tr>
<td><strong>14.6 Special precautions for user:</strong></td>
<td>Warning: Oxidising substances.</td>
</tr>
<tr>
<td>Danger code (Kemler):</td>
<td>50</td>
</tr>
<tr>
<td>EMS Number:</td>
<td>F-A,S-Q</td>
</tr>
</tbody>
</table>

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not Regulated

**Transport/Additional information:**

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Limited quantities (LQ)</strong></td>
<td>5 kg</td>
</tr>
<tr>
<td><strong>Excepted quantities (EQ)</strong></td>
<td>Code: E1</td>
</tr>
<tr>
<td>Maximum net quantity per inner packaging: 30 g</td>
<td></td>
</tr>
<tr>
<td>Maximum net quantity per outer packaging: 1000 g</td>
<td></td>
</tr>
<tr>
<td><strong>Transport category</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Tunnel restriction code</strong></td>
<td>E</td>
</tr>
</tbody>
</table>

---

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

See Section 2 for hazard identification.

**National regulations:**

**Other regulations, limitations and prohibitive regulations:** All components EINECS listed or exempt.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS:
Product Stewardship Department - GRACE, 580-581 Ipswich Road, Slough, Berkshire, SL1 4EQ

Tel: ++44 (0)1753 490 000, Fax: ++44 (0)1753 490 051

The first date of preparation: 07.05.2015

Number of revision times and the latest revision date: 1.0 / 01.06.2015