

**Safety Data Sheet**  
According to 1272/2008/EC (CLP)

Printing Date: 01.06.2015

Version Number: 1.0

Revision Date: 01.06.2015

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier:**Trade name: *GELACRYL TI A2***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**

Skin Corr. 1C H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

**2.2 Label elements:****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS05 GHS07

**Signal word** Danger**Hazard-determining components of labelling:**

2-dimethylaminoethyl methacrylate

2-hydroxyethyl methacrylate

**Hazard statements**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P260 Do not breathe mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**Hazard description:** Corrosive

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**2.3 Other hazards:****Results of PBT and vPvB assessment:**

**PBT:** Not applicable.  
**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients****3.2 Chemical characterization: Mixtures:****Description:**

Mixture of substances listed below with non-hazardous additions.

For further information, please refer to the product technical data sheet.

**Dangerous components:**

CAS: 2867-47-2 EINECS: 220-688-8 Index number: 607-132-00-3	2-dimethylaminoethyl methacrylate ----- Skin Corr. 1C, H314; Eye Dam. 1, H318 Skin Sens. 1, H317	30-50%
CAS: 868-77-9 EINECS: 212-782-2 Index number: 607-124-00-X	2-hydroxyethyl methacrylate ----- Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	30-50%

**Additional information:** For the wording of the listed risk phrases refer to section 16.**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.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

Causes burns.

May cause sensitisation by skin contact.

**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:** CO<sub>2</sub>, 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.

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## SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

### 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:

Use neutralising agent.

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:

Risk of serious damage to eyes.

Prevent formation of aerosols.

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:

Protect from frost.

Store in a dry place.

Keep cool.

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

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters:

#### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

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**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 A.

**Protection of hands:** Protective gloves.

**Material of gloves:** Rubber gloves.

**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:****GENERAL INFORMATION****Appearance:**

<b>Form:</b>	Liquid.
<b>Colour:</b>	Clear.
<b>Odour:</b>	Ammonia.
<b>Odour threshold:</b>	Not determined.

**pH-value (~):** Not determined.

**Change in conditions:-**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	182 °C
<b>Flash point:</b>	101 °C

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:** 255 °C

<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.

**EXPLOSION LIMITS**

<b>Lower:</b>	1.2 Vol %
<b>Upper:</b>	Not determined.
<b>VOC Content:</b>	Not determined.

<b>Vapour pressure:</b>	Not determined.
<b>Density at 20 °C:</b>	1 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.

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**Solubility in/Miscibility with:-****Water:** Fully miscible.**Partition coefficient (n-octanol/water):** Not determined.**VISCOSITY****Dynamic:** Not determined.**Kinematic:** Not determined.**Molecular weight** 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****LD/LC50 values relevant for classification:****2867-47-2 2-dimethylaminoethyl methacrylate**

Oral LD50 2659 mg/kg (rat) (OECD 401)

Dermal LD50 &gt;2000 mg/kg (rat) (OECD 402)

**Primary irritant effect:-****on the skin:** Causes severe skin burns and eye damage.**on the eye:** Causes serious eye damage.**Sensitisation:** 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:** Must not reach sewage water or drainage ditch undiluted or unneutralised.**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects:** No further relevant information available.GB  
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**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.

**UNCLEANED PACKAGING**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information****14.1 UN-Number**

ADR, IMDG, IATA

UN1760

**14.2 UN proper shipping name**

ADR, IMDG, IATA

CORROSIVE LIQUID, N.O.S. (2-dimethylaminoethyl methacrylate)

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA



Class

8 Corrosive substances.

Label

8

**14.4 Packing group**

ADR, IMDG, IATA

II

**14.5 Environmental hazards:**

Marine pollutant:

No.

**14.6 Special precautions for user:**

Danger code (Kemler):

Warning: Corrosive substances.

EMS Number:

80

F-A,S-B

**14.7 Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code:**

Not Regulated

**Transport/Additional information:****ADR**

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Transport category

2

Tunnel restriction code

E

**IMDG**

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

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**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.

**Relevant phrases:**

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

**Department issuing MSDS:**

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

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