1 Identification

- **Product name:** QuickCure Acrylic Liquid
- **Part number:**
  - 170-10000, -10015
  - 170-10025, -10026, -10036
- **Application of the substance / the mixture** Hardening agent/ Curing agent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Allied High Tech Products Inc.
  2376 East Pacifica Place
  USA-RANCHO DOMINGUEZ, CA 90220
  USA
  info@alliedhightech.com
- **Information department:** Product safety department
- **Emergency telephone number:**
  During normal opening times: +1 (310) 635-2466
  Chemtrec: +1 (202) 483-7616

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - GHS02 Flam
    - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - GHS07
    - Acute Tox. 4 H332 Harmful if inhaled.
    - Skin Irrit. 2 H315 Causes skin irritation.
    - Skin Sens. 1 H317 May cause an allergic skin reaction.
    - STOT SE 3 H335 May cause respiratory irritation.
- **Label elements**
  - **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
Product name: QuickCure Acrylic Liquid

- **Hazard pictograms**

  ![Hazard Pictograms]

  GHS02  GHS07

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  methyl methacrylate
  N,N-dimethyl-p-toluidine

- **Hazard statements**
  Highly flammable liquid and vapor.
  Harmful if inhaled.
  Causes skin irritation.
  May cause an allergic skin reaction.
  May cause respiratory irritation.

- **Precautionary statements**
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Ground/bond container and receiving equipment.
  Use explosion-proof electrical/ventilating/lighting/equipment.
  Use only non-sparking tools.
  Take precautionary measures against static discharge.
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wash thoroughly after handling.
  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 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.
  Call a poison center/doctor if you feel unwell.
  Specific treatment (see on this label).
  Take off contaminated clothing and wash it before reuse.
  If skin irritation or rash occurs: Get medical advice/attention.
  Wash contaminated clothing before reuse.
  In case of fire: Use for extinction: CO2, powder or water spray.
  Store in a well-ventilated place. Keep container tightly closed.
  Store in a well-ventilated place. Keep cool.
  Store locked up.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**

    ![NFPA Ratings]

    Health = 2
    Fire = 3
    Reactivity = 2

  - **HMIS-ratings (scale 0 - 4)**

    ![HMIS Ratings]

    Health = 2
    Fire = 3
    Reactivity = 2
Product name: QuickCure Acrylic Liquid

· Other hazards
· Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures
· Description: Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Hazardous Components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>80-62-6 methyl methacrylate</td>
<td>Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 50-100%</td>
</tr>
<tr>
<td>99-97-8 N,N-dimethyl-p-toluidine</td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT RE 2, H373; Flam. Liq. 4, H227; Aquatic Chronic 3, H412 ≤2.5%</td>
</tr>
</tbody>
</table>

4 First-aid measures

· Description of first aid measures
· General information:
  Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· After inhalation:
  Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
· After skin contact:
  Immediately wash with water and soap and rinse thoroughly.
· After eye contact:
  Rinse opened eye for several minutes under running water.
· After swallowing:
  If symptoms persist consult doctor.
· Information for doctor:
  · Most important symptoms and effects, both acute and delayed No further relevant information available.
  · Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
· Suitable extinguishing agents:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· For safety reasons unsuitable extinguishing agents: Water with full jet
· Special hazards arising from the substance or mixture No further relevant information available.
· Advice for firefighters
· Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
Environmental precautions:
Do not allow product to reach sewage system or any water course.
Do not allow to enter sewers/surface or ground water.
Prevent seepage into sewage system, workpits and cellars.
Dilute with plenty of water.

Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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.

Protective Action Criteria for Chemicals

PAC-1:
80-62-6 methyl methacrylate 17 ppm

PAC-2:
80-62-6 methyl methacrylate 120 ppm

PAC-3:
80-62-6 methyl methacrylate 570 ppm

Handling and storage

Handling:

Precautions for safe handling Prevent formation of aerosols.

Information about protection against explosions and fires:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store at temperatures not exceeding 25°C.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.

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

Exposure controls/personal protection

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

Control parameters

Components with limit values that require monitoring at the workplace:

80-62-6 methyl methacrylate

<table>
<thead>
<tr>
<th></th>
<th>PEL Long-term value: 410 mg/m³, 100 ppm</th>
<th>REL Long-term value: 410 mg/m³, 100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV Short-term value: 410 mg/m³, 100 ppm</td>
<td>Long-term value: 205 mg/m³, 50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSEN</td>
<td></td>
</tr>
</tbody>
</table>
Product name: QuickCure Acrylic Liquid

<table>
<thead>
<tr>
<th>99-97-8 N,N-dimethyl-p-toluidine</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEEL Long-term value: 0.5 ppm</td>
</tr>
</tbody>
</table>

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**

• **Personal protective equipment:**
  
  • **General protective and hygienic measures:**
    Keep away from foodstuffs, beverages and feed.
    Immediately remove all soiled and contaminated clothing.
    Wash hands before breaks and at the end of work.
    Avoid contact with the skin.
    Avoid contact with the eyes and skin.

• **Breathing equipment:** Use suitable respiratory protective device when high concentrations are present.

• **Protection of hands:**
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

![Protective gloves](image)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation**

• **Material of gloves**
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**

![Tightly sealed goggles](image)

---

### 9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **General Information**

  • **Appearance:**
    Form: Liquid
    Color: Clear

  • **Odor:**
    Acrid

  • **Odor threshold:**
    Not determined.

  • **pH-value:**
    Not determined.

• **Change in condition**

  • **Melting point/Melting range:** -48 °C (-54.4 °F)
  • **Boiling point/Boiling range:** 101 °C (213.8 °F)

• **Flash point:** 11 °C (51.8 °F)
Product name: QuickCure Acrylic Liquid

- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 430 °C (806 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

### Explosion limits:
- **Lower:** 2.1 Vol %
- **Upper:** 12.5 Vol %

### Vapor pressure at 20 °C (68 °F):
- 47 hPa (35.3 mm Hg)

### Density at 20 °C (68 °F):
- 0.949 g/cm³ (7.91941 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density at 16 °C (60.8 °F):** 3.5 (Air = 1)
- **Specific gravity:** 0.949 (Water = 1)
- **Evaporation rate:** 3.1 (Butyl acetate = 1)

### Solubility in / Miscibility with Water at 20 °C (68 °F):
- 1.6 g/l

### Partition coefficient (n-octanol/water):
- Not determined.

### Viscosity:
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.

### Solvent content:
- **VOC content:** 0.00 %
- 0.0 g/l / 0.00 lb/gl

### Other information
- No further relevant information available.

### Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **Possibility of hazardous reactions** Danger of polymerization.
  - **Conditions to avoid**
    - Keep away from oxidising agents and acidic substances.
    - Keep away from heat.
    - Protect from sunlight.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

(Contd. on page 7)
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - LD/LC50 values that are relevant for classification:
      
      |                | Oral  | LD50   | Dermal | LD50  | Inhalative | LC50/4 h |
      |----------------|-------|--------|--------|-------|------------|----------|
      | ATE (Acute Toxicity Estimate) |       |        |        |       |            |          |
      | Oral            | LD50  | 165,829 mg/kg (rat) |        |       |            |          |
      | Dermal          | LD50  | 4,326 mg/kg         |        |       |            |          |
      | Inhalative      | LC50/4 h | 16.1 mg/l (rat) |        |       |            |          |
      | 80-62-6 methyl methacrylate |       |        |        |       |            |          |
      | Oral            | LD50  | 7,872 mg/kg (rat)  |        |       |            |          |
      | Dermal          | LD50  | 5,000 mg/kg (rabbit) |        |       |            |          |
      | Inhalative      | LC50/4 h | 18 mg/l (rat)    |        |       |            |          |
      | 99-97-8 N,N-dimethyl-p-toluidine |       |        |        |       |            |          |
      | Oral            | LD50  | 1,650 mg/kg (rat)  |        |       |            |          |
      | Dermal          | LD50  | 300 mg/kg (ATE)    |        |       |            |          |
      | Inhalative      | LC50/4 h | 1.4 mg/l (rat)   |        |       |            |          |

- Primary chemical irritant effect:
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: No irritating effect.
  - Sensitization: Sensitization possible through skin contact.

- Additional toxicological information:
  - Carcinogenic categories
    - IARC (International Agency for Research on Cancer)
      - 80-62-6 methyl methacrylate 3
    - NTP (National Toxicology Program)
      - None of the ingredients is listed.
    - OSHA-Ca (Occupational Safety & Health Administration)
      - None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity:
    - 80-62-6 methyl methacrylate
      - EC50 (96 h) 170 mg/l (pseudokirchneriella subcapitata)
      - EC50 (48 h) 69 mg/l (daphnia)
      - LC50 (96 h) 79 mg/l (oncorhynchus mykiss)
    - 99-97-8 N,N-dimethyl-p-toluidine
      - LC50 (96 h) 46 mg/l (pimephales promelas)

- Persistence and degradability
  - Not easily biodegradable

- Behavior in environmental systems:

- Bioaccumulative potential
  - No further relevant information available.

- Mobility in soil
  - No further relevant information available.
Product name: QuickCure Acrylic Liquid

· Additional ecological information:
  · General notes:
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

· Other adverse effects No further relevant information available.

13 Disposal considerations

· Waste treatment methods
  · Recommendation: Contact waste processors for recycling information.

· Uncleaned packagings:
  · Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number
  · DOT, IMDG, IATA UN1247

· UN proper shipping name
  · DOT Methyl methacrylate monomer, stabilized
  · IMDG, IATA METHYL METHACRYLATE MONOMER, STABILIZED

· Transport hazard class(es)
  · DOT
    · Class 3 Flammable liquids
    · Label 3

  · IMDG, IATA
    · Class 3 Flammable liquids
    · Label 3

· Packing group
  · DOT, IMDG, IATA II

· Environmental hazards:
  · Marine pollutant: No

· Special precautions for user
  · Warning: Flammable liquids
  · Danger code (Kemler): 339
  · EMS Number: F-E,S-D
  · Stowage Category B

(Contd. on page 9)
**Product name: QuickCure Acrylic Liquid**

<table>
<thead>
<tr>
<th><strong>Stowage Code</strong></th>
<th>SW2 Clear of living quarters.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport/Additional information:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DOT</strong></td>
<td>On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L</td>
</tr>
<tr>
<td><strong>Quantity limitations</strong></td>
<td></td>
</tr>
<tr>
<td><strong>IMDG</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Limited quantities (LQ)</strong></td>
<td>IL Code: E²</td>
</tr>
<tr>
<td><strong>Excepted quantities (EQ)</strong></td>
<td>Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</td>
</tr>
<tr>
<td><strong>UN &quot;Model Regulation&quot;:</strong></td>
<td>UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED, 3, II</td>
</tr>
</tbody>
</table>

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):** None of the ingredients is listed.
    - **Section 313 (Specific toxic chemical listings):**
      - 80-62-6 methyl methacrylate
    - **TSCA (Toxic Substances Control Act):** All ingredients are listed.
  - **Proposition 65**
    - **Chemicals known to cause cancer:**
      - 99-97-8 N,N-dimethyl-p-toluidine
    - **Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.
    - **Chemicals known to cause developmental toxicity:** None of the ingredients is listed.
  - **Carcinogenic categories**
    - **EPA (Environmental Protection Agency)**
      - 80-62-6 methyl methacrylate E, NL
    - **TLV (Threshold Limit Value established by ACGIH)**
      - 80-62-6 methyl methacrylate A4
    - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
      - None of the ingredients is listed.
Product name: QuickCure Acrylic Liquid

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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 SDS:** Environment protection department.
- **Contact:** Kim Dermit
- **Date of preparation / last revision** 06/14/2018 /
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
  - TLV: Threshold Limit Value
  - REL: Recommended Exposure Limit
  - Flam. Liq. 2: Flammable liquids – Category 2
  - Flam. Liq. 4: Flammable liquids – Category 4
  - Acute Tox. 3: Acute toxicity – Category 3
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Skin Sens. 1: Skin sensitisation – Category 1
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  - STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
  - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
# 1 Identification

- **Product name:** QuickCure Acrylic Powder
- **Part number:**
  - 170-10000, -10015
  - 170-10005, -10020, -10030, -10035
- **Application of the substance / the mixture** Acrylic resin
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Allied High Tech Products Inc.
    - 2376 East Pacifica Place
    - USA-RANCHO DOMINGUEZ, CA 90220
    - USA
    - info@alliedhightech.com
- **Information department:** Product safety department
- **Emergency telephone number:**
  - During normal opening times: +1 (310) 635-2466
  - Chemtrec: +1 (202) 483-7616

# 2 Hazard(s) identification

- **Classification of the substance or mixture**
  The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
  - GHS label elements Void
  - Hazard pictograms Void
  - Signal word Void
  - Hazard statements Void
- **Classification system:**
  - NFPA ratings (scale 0 - 4)
    - Health = 0
    - Fire = 1
    - Reactivity = 0
  - HMIS-ratings (scale 0 - 4)
    - Health = 0
    - Fire = 1
    - Reactivity = 0

(Contd. on page 2)
Product name: QuickCure Acrylic Powder

- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients
- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9011-14-7 Methyl methacrylate polymer</td>
<td>Combustible Dust</td>
<td>50-100%</td>
</tr>
<tr>
<td>84-66-2 diethyl phthalate</td>
<td></td>
<td>10-25%</td>
</tr>
</tbody>
</table>

4 First-aid measures
- Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
  - Most important symptoms and effects, both acute and delayed No further relevant information available.
  - Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

5 Fire-fighting measures
- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

6 Accidental release measures
- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:
  Dispose of the collected material according to regulations.
- 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.

<table>
<thead>
<tr>
<th>PAC-1:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>84-66-2 diethyl phthalate</td>
<td></td>
<td>15 mg/m³</td>
</tr>
</tbody>
</table>
7 Handling and storage

- **Handling:**
  - **Precautions for safe handling:** No special measures required.
  - **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:** Store at temperatures not exceeding 35°C.
    - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** None.
- **Specific end use(s)**: No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
    - 9011-14-7 Methyl methacrylate polymer
      - **PEL** Long-term value: 410 mg/m³
      - **TLV** Long-term value: 205 mg/m³
    - 84-66-2 diethyl phthalate
      - **REL** Long-term value: 5 mg/m³
      - **TLV** Long-term value: 5 mg/m³
  - **Additional information:** The lists that were valid during the creation were used as basis.
  - **Exposure controls**
    - **Personal protective equipment:**
    - **General protective and hygienic measures:**
      - The usual precautionary measures for handling chemicals should be followed.
  - **Breathing equipment:** Not required.
  - **Protection of hands:**
    - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  - **Material of gloves**
    - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - **Penetration time of glove material**
    - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  
  - **General Information**
  
  - **Appearance:**
    - *Form:* Powder
    - *Color:* White
    - *Odor:* Light
    - *Odor threshold:* Not determined.
  
  - **pH-value:** Not applicable.

- **Change in condition**
  
  - *Melting point/Melting range:* Undetermined.
  
  - *Boiling point/Boiling range:* Undetermined.

- **Flash point:**
  
  - 304 °C (579.2 °F)

- **Flammability (solid, gaseous):** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**
  
  - *Lower:* Not determined.
  
  - *Upper:* Not determined.

- **Vapor pressure:** Not applicable.

- **Density:** Not determined.
  
  - *Relative density:* Not determined.
  
  - *Vapor density:* Not applicable.
  
  - *Evaporation rate:* Not applicable.

- **Solubility in / Miscibility with**
  
  - *Water:* Insoluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity**
  
  - *Dynamic:* Not applicable.
  
  - *Kinematic:* Not applicable.

- **Solvent content:**
  
  - *VOC content:* 0.00 %
  
  - 0.0 g/l / 0.00 lb/gl

- **Solids content:** 81.8 %

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
Product name: QuickCure Acrylic Powder

- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid
  Temperatures above 240 °C (464 °F)
  Keep away from oxidising agents and acidic substances.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products:
  Methacrylate monomers
  Carbon monoxide and carbon dioxide
- Additional information: Hazardous decomposition products may form during combustion.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
  - LD/LC50 values that are relevant for classification:
    84-66-2 diethyl phthalate
    Oral LD50 8,600 mg/kg (rat)
    Dermal LD50 >11,200 mg/kg (rat)
  - Primary chemical irritant effect:
    - on the skin: No irritant effect.
    - on the eye: No irritating effect.
  - Sensitization: No sensitizing effects known.
  - Additional toxicological information:
    Abrasive eye irritant
    Abrasive skin irritant
    When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    9011-14-7 Methyl methacrylate polymer
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity:
    84-66-2 diethyl phthalate
    EC50 (96 h) (static) 21 mg/l (fresh water algae)
    EC50 (48 h) (static) 86 mg/l (daphnia)
    LC50 (96 h) 12 mg/l (oncorhynchus mykiss)
    4.29 mg/l (pseudokirchneriella subcapitata)
  - Persistence and degradability: No further relevant information available.
Product name: QuickCure Acrylic Powder

- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:**
    Water hazard class 2 (Self-assessment): hazardous for water
    Do not allow product to reach ground water, water course or sewage system.
    Danger to drinking water if even small quantities leak into the ground.
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
  - **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Contact waste processors for recycling information.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
  - **DOT, ADN, IMDG, IATA** not regulated
- **UN proper shipping name**
  - **DOT, ADN, IMDG, IATA** not regulated
- **Transport hazard class(es)**
  - **DOT, ADN, IMDG, IATA**
    - **Class** not regulated
- **Packing group**
  - **DOT, IMDG, IATA** not regulated
- **Environmental hazards:**
  - **Marine pollutant:** No
- **Special precautions for user**
  - Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - Not applicable.
- **UN "Model Regulation":** not regulated

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
  - **Section 355 (extremely hazardous substances):**
    None of the ingredients is listed.

(Contd. on page 7)
### Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

### TSCA (Toxic Substances Control Act):

All ingredients are listed.

### TSCA new (21st Century Act) (Substances not listed)

9011-14-7 Methyl methacrylate polymer

### Proposition 65

- **Chemicals known to cause cancer:**
  
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**
  
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  
  None of the ingredients is listed.

### Carcinogenic categories

<table>
<thead>
<tr>
<th>Agency</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA (Environmental Protection Agency)</td>
<td>84-66-2</td>
<td>diethyl phthalate</td>
</tr>
<tr>
<td>TSCA (Toxic Substances Control Act</td>
<td>84-66-2</td>
<td>diethyl phthalate</td>
</tr>
<tr>
<td>NIOSH-Ca (National Institute for Occupational Safety and Health)</td>
<td>84-66-2</td>
<td>diethyl phthalate</td>
</tr>
</tbody>
</table>

### 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 SDS:** Environment protection department.
- **Contact:** Kim Dermit
- **Date of preparation / last revision:** 06/14/2018
- **Abbreviations and acronyms:**
  
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  VOC: Volatile Organic Compounds (USA, EU)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety & Health
  TLV: Threshold Limit Value
**Product name: QuickCure Acrylic Powder**

PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit