1 Identification

- **Product name**: QuickCure Acrylic Liquid
- **Part number**: 170-10000, 170-10015, 170-10025, 170-10026, 170-10036
- **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@alliedhiightech.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**
  - ![Flame](https://example.com/flame_icon.png) GHS02 Flame
  - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - ![Health hazard](https://example.com/health_icon.png) GHS08 Health hazard
  - Carec. 2 H351 Suspected of causing cancer.
  - ![Acute Tox.](https://example.com/toxic_icon.png) 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).

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

· Hazard pictograms

GHS02  GHS07  GHS08

· 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.
Suspected of causing cancer.
May cause respiratory irritation.

· Precautionary statements
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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.
IF exposed or concerned: Get medical advice/attention.
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)

1 3 0

Health = 1
Fire = 3
Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = 1
Fire = 3
Reactivity = 0
Product name: QuickCure Acrylic Liquid

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

# 3 Composition/information on ingredients

· Hazardous Components:

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>80-62-6 methyl methacrylate</td>
<td>50-100%</td>
</tr>
<tr>
<td>99-97-8 N,N-dimethyl-p-toluidine</td>
<td>≥0.1-5%</td>
</tr>
</tbody>
</table>

| Fl. Liq. 2, H225; Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 |
| Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Care. 2, H351; STOT RE 2, H373; Flam. Liq. 4, H227; Aquatic Chronic 3, H412 |

# 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.
Product name: QuickCure Acrylic Liquid

7 Handling and storage

· Handling:
  · Precautions for safe handling
    Open and handle receptacle with care.
    Prevent formation of aerosols.
  · Information about protection against explosions and fires:
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.
    Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

· Storage:
  · Requirements to be met by storerooms and receptacles:
    Unsuitable materials for receptacle: rubber
    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.

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:

<table>
<thead>
<tr>
<th>80-62-6 methyl methacrylate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PEL</strong></td>
</tr>
<tr>
<td><strong>REL</strong></td>
</tr>
<tr>
<td><strong>TLV</strong></td>
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<tr>
<td></td>
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<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>99-97-8 N,N-dimethyl-p-toluidine</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEEL</strong></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.
    Store protective clothing separately.
    Avoid contact with the skin.
    Avoid contact with the eyes and skin.
9 Physical and chemical properties

- **Appearance:**
  - Form: Liquid
  - Color: Clear
  - Odor: Acrid
  - Odor threshold: Not determined.

- **pH-value:** Not determined.

- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: 101 °C (213.8 °F)

- **Flash point:** 11 °C (51.8 °F)

- **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)
Product name: QuickCure Acrylic Liquid

(Contd. of page 5)

- 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/gal
- Other information: No further relevant information available.

10 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
- 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:

  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
Product name: QuickCure Acrylic Liquid

- **99-97-8 N,N-dimethyl-p-toluidine**
  - 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.
- **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

(Contd. of page 8)
Product name: QuickCure Acrylic Liquid

| · Label | 3 |
| · IMDG, IATA |  |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| · Packing group | II |
| · DOT, IMDG, IATA |  |
| · Environmental hazards: | No |
| · Marine pollutant: |  |
| · Special precautions for user | Warning: Flammable liquids |
| · Hazard identification number (Kemler code): | 339 |
| · EMS Number: | F-E,S-D |
| · Stowage Category | B |
| · Stowage Code | SW2 Clear of living quarters. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: |  |
| · DOT |  |
| · Quantity limitations | On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L |
| · Limited quantities (LQ) | 1L |
| · Transport category | 2 |
| · Tunnel restriction code | D/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 |
| · UN "Model Regulation": | UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED, 3, II |

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 components have the value ACTIVE.
    · Hazardous Air Pollutants
      80-62-6 methyl methacrylate
    · Proposition 65
      · Chemicals known to cause cancer:
        99-97-8 N,N-dimethyl-p-toluidine
Product name: QuickCure Acrylic Liquid

· 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>Environmental Protection Agency</th>
<th>E, NL</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl methacrylate</td>
<td>80-62-6</td>
</tr>
</tbody>
</table>

· TLV (Threshold Limit Value established by ACGIH)

<table>
<thead>
<tr>
<th>methyl methacrylate</th>
<th>80-62-6</th>
</tr>
</thead>
</table>

· NIOSH–Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· 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

· Last revision: 04/27/2020 / 2.0

· Abbreviations and acronyms:
  - 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
  - PEL: Permissible Exposure Limit
  - 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
  - Carc. 2: Carcinogenicity – Category 2
  - 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, 170-10005, 170-10015, 170-10020, 170-10030, 170-10035
- 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@alliedhtech.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: Void
    - FIRE: Void
    - REACTIVITY: Void
  - 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.

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

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.
· Protective Action Criteria for Chemicals

   · PAC-1:
     84-66-2 diethyl phthalate 15 mg/m³

   · PAC-2:
     84-66-2 diethyl phthalate 300 mg/m³

   · PAC-3:
     84-66-2 diethyl phthalate 1,800 mg/m³

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:
  Protect from sunlight.
  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

<table>
<thead>
<tr>
<th>Components with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9011-14-7 Methyl methacrylate polymer</td>
</tr>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>TLV</td>
</tr>
<tr>
<td>84-66-2 diethyl phthalate</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td>TLV</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: The usual precautionary measures for handling chemicals should be followed.

· Breathing equipment:

Not required.

Use suitable respiratory protective device in case of insufficient ventilation.

· 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.

· Eye protection: Not required.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

<table>
<thead>
<tr>
<th>Form:</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Light</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

· pH-value: Not applicable.

· Change in condition

<table>
<thead>
<tr>
<th>Melting point/Melting range:</th>
<th>Undetermined.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point/Boiling range:</td>
<td>Undetermined.</td>
</tr>
</tbody>
</table>

· 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:

<table>
<thead>
<tr>
<th>Lower:</th>
<th>Not determined.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
Product name: QuickCure Acrylic Powder

- 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: 0.00 %
- Solids content: 81.8 %
- Other information: No further relevant information available.

10 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: 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
Product name: QuickCure Acrylic Powder

- 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:

    | Substance                  | EC50 (96 h) (static) | EC50 (48 h) (static) | LC50 (96 h) | LC50 (96 h) |
    |---------------------------|----------------------|----------------------|-------------|-------------|
    | 84-66-2 diethyl phthalate | 21 mg/l (fresh water algae) | 86 mg/l (daphnia) | 12 mg/l (oncorhynchus mykiss) | 4.29 mg/l (pseudokirchneriella subcapitata) |

  - Persistence and degradability: No further relevant information available.
  - 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: not regulated

  - Class: not regulated

- Packing group
  - DOT, IMDG, IATA: not regulated

- Environmental hazards:
  - Marine pollutant: No

- Special precautions for user
  - Not applicable.
**Product name:** QuickCure Acrylic Powder

(Contd. of page 5)

| · 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.
  - **Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):** All components have the value ACTIVE.

- **Hazardous Air Pollutants** None of the ingredients is listed.
- **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**
  - **EPA (Environmental Protection Agency)**
    - 84-66-2 [diethyl phthalate] D
  - **TLV (Threshold Limit Value established by ACGIH)**
    - 84-66-2 [diethyl phthalate] A4
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)** None of the ingredients is listed.

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

### 16 Other information

- **Department issuing SDS:** Environment protection department.
- **Contact:** Kim Dermit
- **Last revision:** 04/27/2020 / 2.0
- **Abbreviations and acronyms:**
  - 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)

(Contd. on page 7)
Product name: QuickCure Acrylic Powder

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
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit