1 Identification

· Product identifier
  · Trade name: 1326
  · Application of the substance / the mixture: Adhesives

· Details of the supplier of the safety data sheet
  Manufacturer/Supplier:
  Cyberbond LLC
  401 North Raddant Road
  Batavia, IL 60510
  USA
  sales@cyberbond1.com
  630-761-8900

· Information department: Product safety department

· Emergency telephone number:
  International-1-(352)-323-3500
  US & Canada-1-(800)-535-5053

2 Hazard(s) identification

· Classification of the substance or mixture
  GHS05 Corrosion
  Skin Corr. 1A H314 Causes severe skin burns and eye damage.
  Eye Dam. 1 H318 Causes serious eye damage.

  GHS07
  STOT SE 3 H335 May cause respiratory irritation.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  Corrosive
  Causes burns.
  Irritant
  Irritating to respiratory system.
  Dangerous for the environment
  Very toxic to aquatic organisms.

· Information concerning particular hazards for human and environment:
  The product has to be labeled due to the calculation procedure of international guidelines.

· Classification system:
  The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· Label elements
  · GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
  · Hazard pictograms

  GHS05 GHS07

(Contd. on page 2)
Trade name: 1326

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - acrylic acid
  - Proprietary Oligomer
  - p-benzoquinone

**Hazard statements**
- Causes severe skin burns and eye damage.
- May cause respiratory irritation.

**Precautionary statements**
- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Do not breathe dusts or mists.
- Wear eye protection / face protection.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Wash contaminated clothing before reuse.
- If swallowed: Rinse mouth. Do NOT induce vomiting.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

- **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>Dangerous components</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>222-22-2 Proprietary Oligomer</td>
<td>≤25%</td>
</tr>
<tr>
<td>79-10-7 acrylic acid</td>
<td>5-&lt;10%</td>
</tr>
<tr>
<td>106-51-4 p-benzoquinone</td>
<td>1-&lt;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.
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  - **After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.

- **Information for doctor:**
  - Most important symptoms and effects, both acute and delayed: Breathing difficulty
  - 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.
Trade name: 1326

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

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation

**Environmental precautions:**
- Do not allow product to reach sewage system or any water course.
- Inform respective authorities in case of seepage into water course or sewage system.

**Methods and material for containment and cleaning up:**
- Use neutralizing agent.
- 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.

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
  - Store in cool, dry place in tightly closed receptacles.
  - Keep away from heat and direct sunlight.
  - Ensure good ventilation/exhaustion at the workplace.

**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 in a cool location. Store only in the original receptacle.
  - **Information about storage in one common storage facility:** Store away from oxidizing agents.
  - **Further information about storage conditions:** Keep receptacle tightly sealed.
  - **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**

  | Component | REL | Long-term value | Skin
  |------------|-----|-----------------|-----
  | 79-10-7 acrylic acid | Long-term value: 6 mg/m³, 2 ppm | Skin
  | 106-51-4 p-benzoquinone | Long-term value: 0.4 mg/m³, 0.1 ppm | Skin

- **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.
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
    - Avoid contact with the eyes and skin.
Breathing equipment: Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves

Neoprene gloves
Impervious gloves
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  Nitrile rubber, NBR

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.

Not suitable are gloves made of the following materials:
Cotton or natural fibers
PVC gloves

Eye protection:
Safety glasses
Tightly sealed goggles

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information
Appearance:
Form: Liquid
Color: Amber colored
Odor: Strong
Odour threshold: Not determined.

pH-value: Not determined.

Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: > 148 °C (> 298 °F)

Flash point: > 93 °C (> 199 °F)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 374 °C (705 °F)

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 determined.
Density: Not determined.
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not determined.
10 Stability and reactivity

- Reactivity
- 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: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - LD/LC50 values that are relevant for classification:
      - **79-10-7 acrylic acid**
        - Oral: LD50 250 mg/kg (rat)
        - Dermal: LD50 280 mg/kg (rabbit)
      - **106-51-4 p-benzoquinone**
        - Oral: LD50 130 mg/kg (rat)
    - Primary irritant effect:
      - on the skin: Caustic effect on skin and mucous membranes.
      - on the eye: Strong caustic effect.
      - Sensitization: No sensitizing effects known.
    - Additional toxicological information:
      - The product shows the following dangers according to internally approved calculation methods for preparations:
        - Corrosive
        - Irritant
        - Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
    - Carcinogenic categories
      - IARC (International Agency for Research on Cancer)
        - 79-10-7 acrylic acid: 3
        - 106-51-4 p-benzoquinone: 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: No further relevant information available.
- 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.

· Ecotoxicity:
  · Remark: Very toxic for fish.

· 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.
    Must not reach bodies of water or drainage ditch undiluted or unneutralized.
    Danger to drinking water if even small quantities leak into the ground.
    Also poisonous for fish and plankton in water bodies.
    Very toxic for aquatic organisms.

· 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:
    Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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

14 Transport information

· UN-Number
  · DOT, IMDG, IATA: Void
  · UN proper shipping name
  · DOT, IMDG, IATA: Void
  · Transport hazard class(es)

· DOT, IMDG, IATA
  · Class: Void
  · Packing group: Void
  · Environmental hazards:
    · Marine pollutant: Yes
    · Special precautions for user: Not applicable.

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

· UN "Model Regulation": -

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):
    79-10-7 acrylic acid
    106-51-4 p-benzoquinone

  · TSCA (Toxic Substances Control Act):
    79-10-7 acrylic acid
    106-51-4 p-benzoquinone

(Contd. on page 7)
# 40.1.3 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>EPA (Environmental Protection Agency)</th>
<th>None of the ingredients is listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV (Threshold Limit Value established by ACGIH)</td>
<td>79-10-7 acrylic acid A4</td>
</tr>
<tr>
<td>NIOSH-Ca (National Institute for Occupational Safety and Health)</td>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard pictograms

- GHS05
- GHS07

### Signal word

**Danger**

### Hazard-determining components of labeling:

- acrylic acid
- Proprietary Oligomer
- p-benzoquinone

### Hazard statements

- Causes severe skin burns and eye damage.
- May cause respiratory irritation.

### Precautionary statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Do not breathe dusts or mists.
- Wear eye protection / face protection.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- Specific treatment (see on this label).
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Wash contaminated clothing before reuse.
- If swallowed: Rinse mouth. Do NOT induce vomiting.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

### 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.
Date of preparation / last revision: 05/27/2015 / -

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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3