
SAFETY DATA SHEET
FOR INDUSTRIAL USE ONLY
EPIKURE™ Curing Agent 960

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

1.1 Product identifier

Product name : EPIKURE™ Curing Agent 960
SDS Number : 8275300
Index number : 612-110-00-1
EC number : 229-962-1
CAS number : 6864-37-5
Product type : Curing Agent

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

Product use : Epoxy Resin Systems

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier/Importer : Suter Kunststoffe AG
Aefligenstrasse 3
CH-3312 Fraubrunnen

Contact person : info@swiss-composite.ch

Telephone : General information
+41 (0)31 763 60 60

1.4 Emergency telephone number
Supplier : Toxikologisches Infozentrum Zürich
Telephone number : 145 (International +41 (0)44 251 51 51)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Acute Tox. 4 H302
Acute Tox. 3 H311
Acute Tox. 2 H330
Skin Corr./Irrit. 1A H314
Aquatic Chronic 2 H411
See Section 16 for the full text of the H statements declared above.

2.2 Label elements

Hazard pictograms: 
- Signal word: Danger
- Hazard statements:
  - Fatal if inhaled.
  - Toxic in contact with skin.
  - Harmful if swallowed.
  - Causes severe skin burns and eye damage.
  - Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: 
- Wear protective gloves.
- Wear eye or face protection.
- Avoid release to the environment.
- Do not breathe vapor.

Response: 
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.
- IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER or physician.
- IF IN EYES: Immediately call a POISON CENTER or physician.

Storage: 
- Store locked up.

Disposal: 
- Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazardous ingredients: 
- 2,2’-dimethyl-4,4’-methylenebis(cyclohexylamine)

Supplemental label elements: 
- Not applicable.

2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: 
- No.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: 
- Not available

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Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

Substance/mixture : Mono-constituent substance

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Identifiers</th>
<th>% by weight</th>
<th>Classification</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)</td>
<td>RRN : 01-2119497829-12-0000  EC:229-962-1  CAS : 6864-37-5  Index:612-110-00-1</td>
<td>100</td>
<td>Acute Tox. 4, H302  Acute Tox. 3, H311  Acute Tox. 2, H330  Skin Corr./Irrit. 1A, H314  STOT RE 2, H373  Aquatic Chronic 2, H411</td>
<td>[A]</td>
</tr>
</tbody>
</table>

Type
[A] Constituent
[B] Impurity
[C] Stabilizing additive

Type
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

See Section 16 for the full text of the H statements declared above.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact**: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion**: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Protection of first aid personnel**: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

#### Potential acute health effects

- **Eye contact**: Causes serious eye damage.
- **Inhalation**: Fatal if inhaled. May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- **Skin contact**: Causes severe burns. Toxic in contact with skin.
- **Ingestion**: Harmful if swallowed. May cause burns to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- **Eye contact**: Adverse symptoms may include the following:
  - pain
  - watering
  - redness

- **Inhalation**: No specific data.

- **Skin contact**: Adverse symptoms may include the following:
  - pain or irritation
  - redness
  - blistering may occur

- **Ingestion**: Adverse symptoms may include the following:
  - stomach pains
**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician**: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments**: No specific treatment.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

- **Suitable extinguishing media**: Use an extinguishing agent suitable for the surrounding fire.
- **Unsuitable extinguishing media**: None known.

**5.2 Special hazards arising from the substance or mixture**

- **Hazards from the substance or mixture**: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- **Hazardous thermal decomposition products**: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides

**5.3 Advice for firefighters**

- **Special protective actions for fire-fighters**: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- **Special protective equipment for fire-fighters**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

- **For non-emergency personnel**: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- **For emergency responders**: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.

**6.2 Environmental precautions**: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and material for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see section 8 of SDS). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations: Not available

Industrial sector specific solutions: Not available

SECTION 8: Exposure controls/personal protection
8.1 Control parameters

**Occupational exposure limits**

| No exposure limit value known. |

**Recommended monitoring procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following:

European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy)

European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents)

European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents)

Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNEL/DMEL Summary**

Not available

**PNEC Summary**

Not available

8.2 Exposure controls

**Appropriate engineering controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Individual protection measures**

**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

**Skin protection**

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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**Body protection**
- Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**
- Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection**
- Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental exposure controls**
- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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**SECTION 9: Physical and chemical properties**

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

**Appearance**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Yellowish.</td>
</tr>
<tr>
<td>Odor</td>
<td>amine.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>11 [Conc. (% w/w): 3.6 g/l]</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>-7 to -1 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>347 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>173 °C (ISO 2719)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
</tbody>
</table>
| Upper/lower flammability or explosive limits | **Lower**: 0.5 %(V)  
**Upper**: 2.8 %(V)            |
| Vapor pressure                    | 0.0003 hPa @ 30 °C              |
| Vapor density                     | Not available                   |
| Relative density                  | Not available                   |
| Density                           | 0.95 g/cm³                      |
| Solubility(ies)                   | Not available                   |
| Solubility in water               | 3.6 g/l @ 20 °C                 |
| Partition coefficient: n-octanol/water | 2.51                           |
| Auto-ignition temperature         | Not available                   |
| Decomposition temperature         | Not available                   |
| Viscosity                         | **Kinematic**: 142 mPas @ 20 °C (ISO 9371) |
| Explosive properties              | Not available                   |
| Oxidizing properties              | Not available                   |

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*Version: 1.0*  
*Date of issue/Date of revision: 12.07.2017*  
*Date of previous issue: 00.00.0000*
9.2 Other information
No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under normal conditions.

10.2 Chemical stability
The product is stable.

10.3 Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid
No specific data.

10.5 Incompatible materials
No specific data.

10.6 Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt; 320 - 460 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation</td>
<td>Rat</td>
<td>0,42 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt; 200 - 400 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Conclusion/Summary: Not available

Acute toxicity estimates
Not available

Irritation/Corrosion

Conclusion/Summary
Skin: Not available
eyes: Not available
Respiratory: Not available

Sensitization

Conclusion/Summary
Skin: Not available
Respiratory: Not available

Mutagenicity

Conclusion/Summary
Not available

Carcinogenicity
Conclusion/Summary: Not available

Reproductive toxicity

Conclusion/Summary: Not available

Teratogenicity

Conclusion/Summary: Not available

Specific target organ toxicity (single exposure)
Not available

Specific target organ toxicity (repeated exposure)
Not available

Aspiration hazard
Not available

Information on likely routes of exposure: Not available

Potential acute health effects

Eye contact: Causes serious eye damage.
Inhalation: Fatal if inhaled. May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact: Causes severe burns. Toxic in contact with skin.
Ingestion: Harmful if swallowed. May cause burns to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following:
- pain
- watering
- redness
Inhalation: No specific data.
Skin contact: Adverse symptoms may include the following:
- pain or irritation
- redness
- blistering may occur
Ingestion: Adverse symptoms may include the following:
- stomach pains

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects: Not available
Potential delayed effects: Not available

Long term exposure

Potential immediate effects: Not available
Potential delayed effects: Not available
Potential chronic health effects

Conclusion/Summary : Not available

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1 Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2’-dimethyl-4,4’-methylenebis(cyclohexylamine)</td>
<td>Acute LC50 31.6 mg/l</td>
<td>Fish - Ide, Silver or Golden Orfe</td>
<td>96 h</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 4.6 mg/l</td>
<td>Aquatic invertebrates. Water flea</td>
<td>48 h</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 &gt; 5 mg/l</td>
<td>Aquatic plants - Green algae</td>
<td>72 h</td>
</tr>
</tbody>
</table>

Conclusion/Summary : Not available

12.2 Persistence and degradability

Conclusion/Summary : Not available

12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogPow</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2’-dimethyl-4,4’-methylenebis(cyclohexylamine)</td>
<td>2.3</td>
<td>&lt; 60 &lt;= 6</td>
<td>low</td>
</tr>
<tr>
<td>EPIKURE ™ Curing Agent 960</td>
<td>2.51</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

12.4 Mobility in soil

<table>
<thead>
<tr>
<th>Soil/water partition coefficient (KOC)</th>
<th>Mobility</th>
</tr>
</thead>
<tbody>
<tr>
<td>: Not available</td>
<td>: Not available</td>
</tr>
</tbody>
</table>

12.5 Results of PBT and vPvB assessment

PBT : P: Not available
B: Not available
T: No.

vPvB : vP: Not available
vB: Not available

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations
### 13.1 Waste treatment methods

**Product**

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste:** The classification of the product may meet the criteria for a hazardous waste.

**Packaging**

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions:** This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 14: Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>14.1. UN number</th>
<th>14.2. UN proper shipping name</th>
<th>14.3. Transport hazard class(es)</th>
<th>14.4. Packing group</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/ADN</td>
<td>2922</td>
<td>CORROSIVE LIQUID, TOXIC, N.O.S. (3,3′-DIMETHYL-4,4′-DIAMINODICYCLOHEXYLMETHANE)</td>
<td>8 (6.1)</td>
<td>II</td>
</tr>
<tr>
<td>RID</td>
<td>2922</td>
<td>CORROSIVE LIQUID, TOXIC, N.O.S. (3,3′-DIMETHYL-4,4′-DIAMINODICYCLOHEXYLMETHANE)</td>
<td>8 (6.1)</td>
<td>II</td>
</tr>
<tr>
<td>ICAO/IATA</td>
<td>2922</td>
<td>CORROSIVE LIQUID, TOXIC, N.O.S. (3,3′-DIMETHYL-4,4′-DIAMINODICYCLOHEXYLMETHANE)</td>
<td>8 (6.1)</td>
<td>II</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>2922</td>
<td>CORROSIVE LIQUID, TOXIC, N.O.S. (3,3′-DIMETHYL-4,4′-DIAMINODICYCLOHEXYLMETHANE)</td>
<td>8 (6.1)</td>
<td>II</td>
</tr>
</tbody>
</table>

**14.5. Environmental hazards**
Environmentally hazardous and/or Marine Pollutant: Yes.

### 14.6 Special precautions for user

Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### SECTION 15: Regulatory information

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

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV - List of substances subject to authorization**

**Substances of very high concern**

- **Carcinogen**: Not listed
- **Mutagen**: Not listed
- **Toxic to reproduction**: Not listed
- **PBT**: Not listed
- **vPvB**: Not listed

**Other EU regulations**

**REACH Status**

The substance(s) in this product has (have) been Pre-Registered and/or Registered, or are exempted from registration, according to Regulation (EC) No. 1907/2006 (REACH).

**Aerosol dispensers**

Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

Not applicable.

**EU - Prior Informed Consent.**

List of chemicals subject to the international PIC procedure (Annex I - Part 1) Not listed

List of chemicals subject to the international PIC procedure (Annex I - Part 2) Not listed

List of chemicals subject to the international PIC procedure (Annex I - Part 3) Not listed

**Seveso Directive**

This product is controlled under the Seveso Directive.

**Danger criteria**

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<table>
<thead>
<tr>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2: Acute toxicity 2 any route of entry or Acute toxicity 3 Inhalation route of entry</td>
</tr>
<tr>
<td>E2: Hazardous to the aquatic environment - Chronic 2</td>
</tr>
<tr>
<td>C2: Toxic</td>
</tr>
<tr>
<td>C9ii: Toxic for the environment</td>
</tr>
</tbody>
</table>

**National regulations**

**International regulations**

**International lists**

Australia inventory (AICS) This material is listed or exempted.
Canada inventory This material is listed or exempted.
Japan inventory This material is listed or exempted.
China inventory (IECSC) This material is listed or exempted.
Korea inventory This material is listed or exempted.
New Zealand Inventory (NZIoC) This material is listed or exempted.
Philippines inventory (PICCS) This material is listed or exempted.
United States inventory (TSCA 8b) This material is listed or exempted.
Taiwan inventory (CSNN) This material is listed or exempted.

**Chemical Weapons Convention**

List Schedule I Chemicals: Not listed
List Schedule II Chemicals: Not listed
List Schedule III Chemicals: Not listed

15.2 **Chemical Safety Assessment**

This product contains substances for which Chemical Safety Assessments are still required.

**SECTION 16: Other information**

**Abbreviations and acronyms**

ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
DMEL = Derived Minimal Effect Level
EUH statement = CLP-specific Hazard statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
PBT = Persistent, Bioaccumulative and Toxic
vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4, H302 (ORAL)</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Acute Tox. 3, H311 (SKIN)</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Acute Tox. 2, H330 (INHALATION)</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Skin Corr./Irrit. 1A, H314</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Aquatic Chronic 2, H411</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

**EPIKURE ™ Curing Agent 960**

<table>
<thead>
<tr>
<th>Full text of abbreviated H statements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H330 (INHALATION)</td>
<td>Fatal if inhaled.</td>
</tr>
<tr>
<td>H311 (SKIN)</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>H302 (ORAL)</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Full text of classifications [CLP/GHS]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 2, H330</td>
<td>ACUTE TOXICITY (INHALATION) - Category 2</td>
</tr>
<tr>
<td>Acute Tox. 3, H311</td>
<td>ACUTE TOXICITY (SKIN) - Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4, H302</td>
<td>ACUTE TOXICITY (ORAL) - Category 4</td>
</tr>
<tr>
<td>Aquatic Chronic 2, H411</td>
<td>AQUATIC HAZARD (LONG-TERM) - Category 2</td>
</tr>
<tr>
<td>Skin Corr./Irrit. 1A, H314</td>
<td>SKIN CORROSION/IRRITATION - Category 1A</td>
</tr>
</tbody>
</table>

**Date of printing:** 13.12.2017
**Date of issue/ Date of revision:** 12.07.2017
**Date of previous issue:** 00.00.0000
**Version:** 1.0

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