# SAFETY DATA SHEET
## EPO-TEK® 383ND Part A

## 1. Identification

**Product identifier**

<table>
<thead>
<tr>
<th>Product name</th>
<th>EPO-TEK® 383ND Part A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>383ND/A</td>
</tr>
</tbody>
</table>

**Recommended use of the chemical and restrictions on use**

**Application**

Adhesive.

**Details of the supplier of the safety data sheet**

**Supplier**

Epoxy Technology, Inc.
14 Fortune Drive
Billerica, MA 01821
USA
(978) 667-3805
(978) 663-9782
www.epotek.com, SDS@epotek.com

**Emergency telephone number**

**Emergency telephone**

ChemTel: +1 (800) 255-3924, +1 (813) 248-0585

## 2. Hazard(s) identification

**Classification of the substance or mixture**

**Physical hazards**

Not Classified

**Health hazards**

Skin Irrit. 2 - H315
Eye Irrit. 2A - H319
Skin Sens. 1 - H317

**Environmental hazards**

Aquatic Chronic 2 - H411

**Label elements**

**Pictogram**

![Exclamation Mark](image)

![Leaf](image)

**Signal word**

Warning

**Hazard statements**

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.
EPO-TEK® 383ND Part A

Contains
Epoxy Phenol Novolac

Other hazards
Contains epoxy constituents. May produce an allergic reaction.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy Phenol Novolac</td>
<td>60-100%</td>
</tr>
<tr>
<td>CAS number: 9003-36-5</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1 - H317
Aquatic Chronic 2 - H411

The full text for all hazard statements is displayed in Section 16.

Product name
EPO-TEK® 383ND Part A

4. First-aid measures

Description of first aid measures

Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin Contact
Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

Inhalation
Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.

Ingestion
May cause discomfort if swallowed.

Skin contact
Skin irritation. May cause sensitisation by skin contact.

Eye contact
Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media
Extinguish with the following media: Dry chemicals. Foam. Water spray.

Special hazards arising from the substance or mixture
EPO-TEK® 383ND Part A

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections

For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions

Handle all packages and containers carefully to minimize spills. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store at room temperature. Keep container tightly sealed when not in use.

Storage class

Chemical storage.

Specific end use(s)

The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Ingredient comments

No exposure limits known for ingredient(s).

Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.
**EPO-TEK® 383ND Part A**

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn.

### 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Clear liquid.</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Mild.</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>&gt; 93°C</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>&lt;BuAc</td>
</tr>
<tr>
<td><strong>Other information</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

**Reactivity**

The following materials may react with the product: Strong oxidizing agents.

**Stability**

Stable at normal ambient temperatures and when used as recommended.

**Possibility of hazardous reactions**

Will not polymerize.

**Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

**Materials to avoid**

Strong oxidizing agents.

**Hazardous decomposition products**

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO2).

### 11. Toxicological information

**Information on toxicological effects**

**Inhalation**

Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.

**Ingestion**

May cause discomfort if swallowed.

**Skin Contact**

May cause sensitisation by skin contact. Irritating to skin.

**Eye contact**

Causes serious eye irritation.

### 12. Ecological Information

**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Acute aquatic toxicity**

No information available.
EPO-TEK® 383ND Part A

Persistence and degradability
Persistence and degradability  The product is biodegradable.

Bioaccumulative potential
Bio-Accumulative Potential  Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Mobility in soil
Mobility  Mobile.

Other adverse effects
Other adverse effects  Not known.

13. Disposal considerations
Waste treatment methods
Disposal methods  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information
UN Number
UN No. (TDG)  3082
UN No. (IMDG)  3082
UN No. (ICAO)  3082
UN No. (DOT)  UN3082

UN proper shipping name
Proper shipping name (TDG)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac)
Proper shipping name (IMDG)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac)
Proper shipping name (ICAO)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac)
Proper shipping name (DOT)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac)

Transport hazard class(es)
DOT hazard class  9
DOT hazard label  9
TDG class  9
TDG label(s)  9
IMDG Class  9
ICAO class/division  9

Transport labels

EPO-TEK® 383ND Part A

DOT transport labels

Packing group
TDG Packing Group  III
IMDG packing group  III
ICAO packing group  III
DOT packing group  III

Environmental hazards
Environmentally Hazardous Substance

Special precautions for user
EmS  F-A, S-F

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable.

15. Regulatory information

Regulatory References  Proprietary information protected pursuant to WTO's Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS), Section 7, Art. 39.

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities  None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)  None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities  None of the ingredients are listed.

SARA 313 Emission Reporting  None of the ingredients are listed.

CAA Accidental Release Prevention  None of the ingredients are listed.

OSHA Highly Hazardous Chemicals  None of the ingredients are listed.

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins  None of the ingredients are listed.
California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed.

Massachusetts "Right To Know" List
None of the ingredients are listed.

Rhode Island "Right To Know" List
None of the ingredients are listed.

Minnesota "Right To Know" List
None of the ingredients are listed.

New Jersey "Right To Know" List
None of the ingredients are listed.

Pennsylvania "Right To Know" List
None of the ingredients are listed.

Inventories
EU - EINECS/ELINCS
None of the ingredients are listed.

Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed.

Australia - AICS
All the ingredients are listed or exempt.

Japan - MITI
All the ingredients are listed or exempt.

Korea - KECI
All the ingredients are listed or exempt.

China - IECSC
All the ingredients are listed or exempt.

Philippines - PICCS
All the ingredients are listed or exempt.

16. Other information

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision date</td>
<td>4/6/2018</td>
</tr>
<tr>
<td>Revision</td>
<td>2</td>
</tr>
<tr>
<td>Supersedes date</td>
<td>9/10/2014</td>
</tr>
</tbody>
</table>
EPO-TEK® 383ND Part A

Hazard statements in full

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Epoxy Technology, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Epoxy Technology, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.
1. Identification

Product identifier

Product name: EPO-TEK® 383ND Part B
Product number: 383ND/B

Recommended use of the chemical and restrictions on use

Application: Adhesive.

Details of the supplier of the safety data sheet

Supplier: Epoxy Technology, Inc.
14 Fortune Drive
Billerica, MA 01821
USA
(978) 667-3805
(978) 663-9782
www.epotek.com, SDS@epotek.com

Emergency telephone number

Emergency telephone: ChemTel: +1 (800) 255-3924, +1 (813) 248-0585

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards: Not Classified
Health hazards: Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards: Not Classified

Label elements

Pictogram

Signal word: Danger

Hazard statements: H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statements: P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell. P302+P352 If on skin: Wash with plenty of water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
EPO-TEK® 383ND Part B

Contains

Imidazole Blend

3. Composition/Information on ingredients

Substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidazole Blend</td>
<td>60-100%</td>
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<tr>
<td>CAS number: Proprietary</td>
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</tr>
</tbody>
</table>

Classification

- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Eye Dam. 1 - H318

The full text for all hazard statements is displayed in Section 16.

Product name

EPO-TEK® 383ND Part B

4. First-aid measures

Description of first aid measures

- Inhalation: Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- Skin Contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
- Eye contact: Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

- Inhalation: Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
- Ingestion: Harmful if swallowed. May cause stomach pain or vomiting. May cause chemical burns in mouth and throat.
- Skin contact: Causes skin irritation.
- Eye contact: Causes serious eye damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Extinguish with the following media: Dry chemicals. Foam. Water spray.

Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Advice for firefighters
EPO-TEK® 383ND Part B

Protective actions during firefighting
Avoid breathing fire gases or vapors.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions
Avoid release to the environment.

Methods and material for containment and cleaning up
Methods for cleaning up
Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections
For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling
Usage precautions
Handle all packages and containers carefully to minimize spills. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene
Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

Conditions for safe storage, including any incompatibilities
Storage precautions
Store at room temperature. Keep container tightly sealed when not in use.

Storage class
Chemical storage.

Specific end uses(s)
The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Ingredient comments
No exposure limits known for ingredient(s).

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation.

Eye/face protection
Wear tight-fitting, chemical splash goggles or face shield.

Hand protection
It is recommended that chemical-resistant, impervious gloves are worn.
EPO-TEK® 383ND Part B

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection
If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Clear.</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93°C</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Slightly soluble in water.</td>
</tr>
<tr>
<td>Other information</td>
<td>None.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity
The following materials may react violently with the product: Acids. Alkalis. Strong oxidizing agents. Strong reducing agents.

Stability
Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions
Will not polymerize.

Conditions to avoid
Avoid heat, flames and other sources of ignition. Avoid heat. Avoid contact with the following materials: Strong oxidizing agents.

Materials to avoid

Hazardous decomposition products
Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

11. Toxicological information

Information on toxicological effects

Inhalation
Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.

Ingestion
Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause stomach pain or vomiting.

Skin Contact
Irritating to skin.
EPO-TEK® 383ND Part B

12. Ecological Information

**Acute aquatic toxicity**
Acute toxicity - fish  Not available.

**Persistence and degradability**
Persistence and degradability  The product is moderately biodegradable.

**Bioaccumulative potential**
Bio-Accumulative Potential  The product is not bioaccumulating.

**Mobility in soil**
Mobility  Mobile.

**Other adverse effects**
Other adverse effects  Not known.

13. Disposal considerations

**Waste treatment methods**
Disposal methods  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

**General**
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

**UN Number**
Not applicable.

**UN No. (DOT)**
Not applicable.

**UN proper shipping name**
Not applicable.

**Proper shipping name (DOT)**
Not applicable.

**Transport hazard class(es)**
No transport warning sign required.

**DOT transport labels**
No transport warning sign required.

**Packing group**
Not applicable.

**DOT packing group**
Not applicable.

**Environmental hazards**
Environmentally Hazardous Substance  No.

**Special precautions for user**
Not applicable.
DOT reportable quantity: Not applicable.

DOT TIH Zone: Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory information

Regulatory References: Proprietary information protected pursuant to WTO’s Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS), Section 7, Art. 39.

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are required to be listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are required to be listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
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SARA 313 Emission Reporting
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CAA Accidental Release Prevention
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OSHA Highly Hazardous Chemicals
None of the ingredients are required to be listed.

US State Regulations

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None of the ingredients are required to be listed.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are required to be listed.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are required to be listed.

Massachusetts "Right To Know" List
None of the ingredients are required to be listed.

Rhode Island "Right To Know" List
None of the ingredients are required to be listed.

Minnesota "Right To Know" List
None of the ingredients are required to be listed.

New Jersey "Right To Know" List
None of the ingredients are required to be listed.

Pennsylvania "Right To Know" List
None of the ingredients are required to be listed.
EPO-TEK® 383ND Part B

Inventories
EU - EINECS/ELINCS
All the ingredients are listed or exempt.

Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed.

Australia - AICS
All the ingredients are listed or exempt.

Japan - MITI
All the ingredients are listed or exempt.

Korea - KECI
All the ingredients are listed or exempt.

China - IECSC
All the ingredients are listed or exempt.

Philippines - PICCS
All the ingredients are listed or exempt.

16. Other information

Revision date 4/6/2018
Revision 2
Supersedes date 9/10/2014
Hazard statements in full
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Epoxy Technology, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Epoxy Technology, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.