

# SAFETY DATA SHEET EPO-TEK OJ2116 Part A

## 1. Identification

**Product identifier** 

**Product name** EPO-TEK OJ2116 Part A

Product number OJ2116/A

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** +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 Dam. 1 - H318 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 2 - H411

## Label elements

## Pictogram







Signal word

Danger

Hazard statements H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

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.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.

# **EPO-TEK OJ2116 Part A**

Contains Bisphenol A Diglycidyl Ether Resin, Reactive Diluent, Functionalized Acrylate

Other hazards

Hazards not otherwise classified (HNOC)

Contains epoxy constituents. May produce an allergic reaction.

## 3. Composition/information on ingredients

#### **Mixtures**

# Bisphenol A Diglycidyl Ether Resin 60-100%

CAS number: 25085-99-8

## Classification

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

Reactive Diluent 1-5%

CAS number: Proprietary

#### Classification

Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Functionalized Acrylate 1-5%

CAS number: Proprietary

## Classification

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

The Full Text for all Hazard Statements are Displayed in Section 16.

#### 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.

# **EPO-TEK OJ2116 Part A**

Most important symptoms and effects, both acute and delayed

Inhalation Gas or vapor in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

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

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 Dry chemicals. Foam. Carbon dioxide (CO2).

Special hazards arising from the substance or mixture

Hazardous combustion Thermal decomposition or combustion products may include the following substances:

products Carbon dioxide (CO2). Carbon monoxide (CO).

Advice for firefighters

Protective actions during Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and

firefighting disperse vapors.

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

for firefighters 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** Avoid discharge to the aquatic 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 Avoid spilling. Avoid contact with skin and eyes.

Advice on general Provide eyewash station. When using do not eat, drink or smoke. Wash promptly if skin occupational hygiene

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 uses(s)

# **EPO-TEK OJ2116 Part A**

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

## 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.

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body

Hand protection

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Provide eyewash station. Do not smoke in work area. Wash hands 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

**Appearance** Liquid.

Color Clear.

Odor Mild.

Flash point > 204°C

**Evaporation rate** < BuAc

Vapor density > Air

Solubility(ies) Slightly soluble in water.

Other information None.

10. Stability and reactivity

Reactivity The following materials may react with the product: 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 excessive heat for prolonged periods of time.

# **EPO-TEK OJ2116 Part A**

Materials to avoid Strong oxidizing agents. Strong reducing 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 Inhalation of dust during cutting, grinding or sanding operations involving this product may

cause irritation of the respiratory tract. Gas or vapor in high concentrations may irritate the

respiratory system.

**Ingestion** May cause discomfort if swallowed.

**Skin Contact** May cause sensitisation by skin contact. Irritating to skin.

**Eye contact** Causes serious eye damage.

## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Toxicity** 

Acute toxicity - fish Not available.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

Mobility in soil

**Mobility** The product has poor water-solubility.

Other adverse effects

Other adverse effects Not known.

#### 13. Disposal considerations

Waste treatment methods

**Disposal methods** Dispose of contents/container in accordance with local regulations.

## 14. Transport information

# **EPO-TEK OJ2116 Part A**

# **UN Number**

UN No. (DOT) 3082 UN No. (TDG) 3082 UN No. (IMDG) 3082 UN No. (ICAO) 3082

## UN proper shipping name

Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A

Diglycidyl Ether Resin)

Proper shipping name (TDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A

Diglycidyl Ether Resin)

Proper shipping name

(IMDG)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A

Diglycidyl Ether Resin)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A

Diglycidyl Ether Resin)

# Transport hazard class(es)

DOT hazard class 9

DOT hazard label Class 9

TDG class 9
TDG label 9

IMDG Class 9

ICAO class/division 9

# Transport labels



# Packing group

DOT pack group III

TDG Packing Group III

IMDG packing group III

ICAO packing group III

# **Environmental hazards**

## **Environmentally Hazardous Substance**



#### Special precautions for user

**EmS** F-A, S-F

# **EPO-TEK OJ2116 Part A**

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

# 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

The following ingredients are listed:

**Functionalized Acrylate** 

## New Jersey "Right To Know" List

None of the ingredients are listed.

## Pennsylvania "Right To Know" List

None of the ingredients are listed.

## Inventories

# **EPO-TEK OJ2116 Part A**

#### **EU - EINECS/ELINCS**

Some of 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

Some of 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 3/2/2016

Revision 1

Hazard statements in full H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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.



# SAFETY DATA SHEET EPO-TEK OJ2116 Part B

## 1. Identification

**Product identifier** 

**Product name** EPO-TEK OJ2116 Part B

Product number OJ2116/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** +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 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam.

1 - H318 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Muta. 2 - H341 Repr. 2 - H361fd STOT

SE 1 - H370 STOT RE 1 - H372

Environmental hazards Not Classified

## Label elements

## **Pictogram**







Signal word

Danger

Hazard statements

H302 Harmful if swallowed.

H311+H331 Toxic in contact with skin or if inhaled. H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H341 Suspected of causing genetic defects.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

# **EPO-TEK OJ2116 Part B**

**Precautionary statements** P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse

skin with water/ shower.

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/ container in accordance with national regulations.

Contains Phenol, Tetraethylenepentamine, Amine Curing Agent, Curing Agent

# 3. Composition/information on ingredients

#### **Mixtures**

Phenoi	30-60%
CAS number: 108-95-2	
Classification	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 2 - H330	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Muta. 2 - H341	
STOT RE 2 - H373	

Tetraethylenepentamine	10-30%
CAS number: 112-57-2	
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	

Amine Curing Agent	5-10%
CAS number: Proprietary	
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	

# **EPO-TEK OJ2116 Part B**

Curing Agent 1-5%

CAS number: Proprietary

Classification

Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412

The Full Text for all Hazard Statements are Displayed in Section 16.

#### 4. First-aid measures

## Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Place

unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Never give anything by mouth to an

unconscious person. Get medical attention if any discomfort continues.

**Ingestion** Remove affected person from source of contamination. Rinse nose and mouth with water.

Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless under the direction of medical personnel. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical

attention if any discomfort continues.

Skin Contact Take off immediately all contaminated clothing and wash it before reuse. Wash skin

thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at

least 15 minutes and get medical attention.

Eye contact Rinse immediately with plenty of water. 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

General information Suspected of causing genetic defects. Suspected of damaging fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure.

**Inhalation** Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

cause stomach pain or vomiting.

**Skin contact** Toxic in contact with skin. Causes severe burns. May cause sensitisation by skin contact.

**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** Dry chemicals. Foam. Carbon dioxide (CO2).

Special hazards arising from the substance or mixture

**Hazardous combustion** Thermal decomposition or combustion products may include the following substances:

**products** Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of nitrogen.

# **EPO-TEK OJ2116 Part B**

Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and

disperse 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. Avoid contact with

skin and eyes. Keep unnecessary and unprotected personnel away from the spillage.

**Environmental precautions** 

Environmental precautions

Avoid discharge to the aquatic environment.

# Methods and material for containment and cleaning up

**Methods for cleaning up**Stop leak if safe to do so. Eliminate all sources of ignition. Provide adequate ventilation.

Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in

accordance with the requirements of the local Waste Disposal Authority.

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

## 7. Handling and storage

## Precautions for safe handling

**Usage precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Handle all

packages and containers carefully to minimize spills. Avoid contact with skin and eyes.

Advice on general occupational hygiene

Provide eyewash station and safety shower. 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. 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 Toxic storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

# 8. Exposure Controls/personal protection

#### **Control parameters**

# Occupational exposure limits

# Phenol

Long-term exposure limit (8-hour TWA): 5

## **Amine Curing Agent**

Long-term exposure limit (8-hour TWA): ACGIH 1 ppm

Short-term exposure limit (15-minute): ACGIH

ACGIH = American Conference of Governmental Industrial Hygienists.

# Exposure controls

# **EPO-TEK OJ2116 Part B**

#### 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.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Provide eyewash station and safety shower. 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. Wash contaminated clothing before reuse.

Use appropriate skin cream to prevent drying of skin.

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

## 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Clear, yellowish liquid.

Color Yellowish.

Odor Mild.

Flash point > 93°C

**Evaporation rate** < BuAc

Vapor density > Air

**Solubility(ies)** Slightly soluble in water.

Other information None.

# 10. Stability and reactivity

Reactivity The following materials may react with the product: Mineral acids. Acids - organic. Organic

nitro compounds. Oxidizing agents. Peroxides.

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 Acids - organic. Mineral acids. Oxidizing agents. Peroxides. May be corrosive to metals.

Hazardous decomposition

products

Thermal decomposition or combustion products may include the following substances:

Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of nitrogen.

## 11. Toxicological information

#### Information on toxicological effects

# **EPO-TEK OJ2116 Part B**

Inhalation Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

cause stomach pain or vomiting.

Skin Contact Toxic in contact with skin. Causes severe burns. May cause sensitisation by skin contact.

**Eye contact** Causes serious eye damage.

Acute and chronic health

hazards

Suspected of causing genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs (Kidneys, Liver). Causes damage to organs (Kidneys, Liver)

through prolonged or repeated exposure.

# 12. Ecological Information

**Toxicity** 

Acute toxicity - fish Not available.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects Not known.

## 13. Disposal considerations

Waste treatment methods

General information 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. (DOT)** 2810

**UN No. (TDG)** 2810

**UN No. (IMDG)** 2810

# **EPO-TEK OJ2116 Part B**

**UN No. (ICAO)** 2810

UN proper shipping name

Proper shipping name (DOT) TOXIC LIQUID, ORGANIC, N.O.S. (Phenol)

Proper shipping name (TDG) TOXIC LIQUID, ORGANIC, N.O.S. (Phenol)

Proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S. (Phenol)

(IMDG)

Proper shipping name (ICAO) TOXIC LIQUID, ORGANIC, N.O.S. (Phenol)

Transport hazard class(es)

TDG class 6.1

TDG label 6.1

IMDG Class 6.1

ICAO class/division 6.1

## Transport labels



# Packing group

DOT pack group

TDG Packing Group

IMDG packing group III

ICAO packing group

**Environmental hazards** 

**Environmentally Hazardous Substance** 

No.

Special precautions for user

EmS F-A, S-A

Transport in bulk according to

Annex II of MARPOL 73/78

and the IBC Code

# 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

Not applicable.

The following ingredients are listed:

Phenol

EPCRA 302 TPQ 10 000 lbs 500 lbs

Tier II TPQ 500 lbs

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

# **EPO-TEK OJ2116 Part B**

Phenol
1,000 lbs (454 Kg)
SARA Extremely Hazardous Substances EPCRA Reportable Quantities None of the ingredients are listed.
SARA 313 Emission Reporting The following ingredients are listed: Phenol
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) The following ingredients are listed: Phenol
California Air Toxics "Hot Spots" (A-II)  None of the ingredients are listed.
Massachusetts "Right To Know" List The following ingredients are listed: Curing Agent
Tetraethylenepentamine
Amine Curing Agent
Phenol
Rhode Island "Right To Know" List The following ingredients are listed:

Phenol

Minnesota "Right To Know" List

The following ingredients are listed:

**Amine Curing Agent** 

**Amine Curing Agent** 

Phenol

# **EPO-TEK OJ2116 Part B**

New Jersey "Right To Know" Lis	t
The following ingredients are list	e

**Curing Agent** 

Tetraethylenepentamine

**Amine Curing Agent** 

Phenol

# Pennsylvania "Right To Know" List

The following ingredients are listed:

**Curing Agent** 

Tetraethylenepentamine

**Amine Curing Agent** 

Phenol

#### 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

Some of the ingredients are listed or exempt.

# 16. Other information

Revision date 3/2/2016

Revision 1

# **EPO-TEK OJ2116 Part B**

Hazard statements in full H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H341 Suspected of causing genetic defects.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful 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.