

**EPX CP - Comp. A****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

EPX CP, two component solvent-free epoxy based carbon plate resin, Comp. A.

**1.2 Relevant identified uses of the substance or mixture****1.2.1 Use of the substance/mixture**

Used in strengthening of structural elements by applying carbon plate (A-component, resin).

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

Company name: Sozeri Industry Co. Inc.  
Address: Ankara-Izmir Road Turgutlu 8. Km  
Manisa/Turkey  
Telephone: +90 212 276 62 62  
Website: www.tic-m.com  
Email: info@tic-m.com

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****2.1.1 GHS classification**

Skin irritation : Category 2  
Eye irritation : Category 2A  
Skin sensitization : Category 1  
Carcinogenicity : Category 1A

**2.2 GHS Label elements****Hazard pictograms**

**Signal word:** Danger

**Hazard statements**

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H350 May cause cancer.

**Precautionary statements**

**Prevention**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
- P264 Wash skin thoroughly after handling.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required.

**Response**

- P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.
- P308 + P313 IF exposed or concerned: Get medical advice/ attention.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
- P337 + P313 If eye irritation persists: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before reuse.

**Storage**

- P405 Store locked up.

**Disposal**

- P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulation.

**2.3 Further information**

See Section 11 for more detailed information on health effects and symptoms.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous components**

CAS No	Chemical name	Concentration (%)
14808-60-7	Quartz (SiO <sub>2</sub> )	>= 50 - <= 100 %
25068-38-6	bisphenol-A-(epichlorhydrin) epoxy resin	>= 20 - < 25 %
17557-23-2	1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane	>= 2 - < 5 %
14808-60-7	Quartz (SiO <sub>2</sub> ) <5µm	>= 0 - < 1 %
13463-67-7	titanium dioxide	>= 0 - < 1 %
91-20-3	Naphthalene, pure	>= 0 - < 1 %

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.

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## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### **4.1.1 General information**

Move out to the dangerous area. Consult a physician.  
Show this material safety data sheet to the doctor in attendance.

#### **4.1.2 After inhalation**

Move to fresh air. Consult a physician after significant exposure.

#### **4.1.3 After contact with skin**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

#### **4.1.4 After contact with eyes**

Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.

#### **4.1.5 After ingestion**

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

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

Irritant effects, sensitizing effects, carcinogenic effects  
Allergic reactions, Excessive lachrymation, Erythema, Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1 Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **5.2 Further information**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### **5.3 Special protective equipment for fire-fighters**

In the event of fire, wear self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

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

Use personal protective equipment as required. Deny access to unprotected persons.

### **6.2 Environmental precautions**

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

### **6.3 Methods and material for containment and cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## **SECTION 7: Handling and storage**

### **7.1 Advice on safe handling**

Avoid exceeding the given occupational exposure limits (see section 8).

Do not get in eyes, on skin, or on clothing.

For personal protection see section 8.

Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Smoking, eating and drinking should be prohibited in the application area.

Follow standard hygiene measures when handling chemical products.

### **7.2 Conditions for safe storage**

Prevent unauthorized access. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Store in accordance with local regulations.

### **7.3 Materials to avoid**

No data available.

## **SECTION 8: Exposure controls/personal protection**

Components	CAS-No	Basis **	Value	Exposure limit(s)* / Form of exposure
Naphthalene, pure	91-20-3	ACGIH	TWA	10 ppm
		ACGIH	STEL	15 ppm
		OSHA Z-1	TWA	10 ppm (50 mg/m <sup>3</sup> )
		OSHA P0	TWA	10 ppm (50 mg/m <sup>3</sup> )
		OSHA P0	STEL	15 ppm (75 mg/m <sup>3</sup> )

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\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**\*\*Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

**8.1 Engineering measures**

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below statutory limits.

**8.2 Personal protective equipment**



**8.2.1 Protective and hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling.

**8.2.2 Eye/face protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

**8.2.3 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.

**8.2.4 Skin protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

**8.2.5 Respiratory protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assesment indicates this is necessary.

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The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	paste
Colour:	white
Odour:	aromatic
Odour Threshold:	No data available
Flash point:	> 100 °C
Ignition temperature:	Not applicable
Decomposition temp.:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flammability (solid, gas):	No data available
Oxidizing properties:	No data available
Autoignition temp.:	No data available
pH:	No data available
Melting point/ range/:	No data available
Freezing point	
Boiling point/ range:	No data available
Vapor pressure:	No data available
Density:	1.13 g/cm <sup>3</sup> (23 °C)
Water solubility:	insoluble
Partition coefficient: n-octanol/water	No data available
Viscosity, dynamic:	No data available
Viscosity, kinematic:	> 20.5 mm <sup>2</sup> /s at (40 °C)
Relative vapor density:	No data available
Evaporation rate:	No data available
Burning rate:	No data available
Volatile organic compounds (VOC) content:	27 g/l (A+B Combined)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Stable under recommended storage conditions.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

No data available.

## SECTION 11: Toxicological information

### 11.1 Acute toxicity

Acute oral toxicity: No data available.

Acute inhalation toxicity: No data available.

Acute dermal toxicity: No data available.

### Ingredients

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	bisphenol-A-(epichlorhydrin) epoxy resin				
	oral	LD50 >5,000 mg/kg	Rat		
	dermal	LD50 >20,000 mg/kg	Rabbit		

#### 11.1.1 Skin corrosion/ irritation

Causes skin irritation.

#### 11.1.2 Serious eye damage/ eye irritation

Causes serious eye irritation.

### 11.2 Respiratory or skin sensitization

#### 11.2.1 Skin sensitization

May cause an allergic skin reaction.

#### 11.2.2 Germ cell mutagenicity

Not classified based on available information.

#### 11.2.3 Carcinogenicity

May cause cancer.

**11.2.4 IARC**

Group 1: Carcinogenic to humans

Quartz (SiO<sub>2</sub>) 14808-60-7

Quartz (SiO<sub>2</sub>) <5µm 14808-60-7

Group 2B: Possibly carcinogenic to humans

Titanium dioxide 13463-67-7

Naphthalene, pure 91-20-3

**11.2.5 NTP**

Known to be human carcinogen

Quartz (SiO<sub>2</sub>) 14808-60-7

Quartz (SiO<sub>2</sub>) <5µm 14808-60-7

Reasonably anticipated to be a human carcinogen

Naphthalene, pure 91-20-3

**11.2.6 Reproductive toxicity/fertility**

No data available.

**11.2.7 STOT-single exposure**

No data available.

**11.2.8 STOT-repeated exposure**

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Prolonged exposure can cause silicosis.

**11.2.9 Aspiration hazard**

No data available.

**SECTION 12: Ecological information****12.1 Other information**

Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****13.1.1 Waste from residues**

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.



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### 13.1.2 Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 DOT

Not dangerous goods.

### 14.2 Domestic regulations

Not dangerous goods.

### 14.3 IMDG

Not dangerous goods.

### 14.4 Special precautions for user

No data available.

### 14.5 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

#### National Legal Information

Water pollution Class (D): 2-clearly water pollutant

Skin absorption / sensitivity: Causes extreme allergic sensitivity reactions.

## SECTION 16: Other information

### HMIS Classification

Health	*3
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

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### Further Information

This information is furnished in good faith as accurate to the best knowledge of Sozeri Yapi Elemanlari San.Tic.lth.lhr.Ltd.Sti. No warranty, either expressed or implied whether of merchantability of fitness of any nature on otherwise with respect to the product or to the data here in is made hereunder. The data in this MSDS relates to the herein designed material only and does not relate also to use in combination with any other material or in any process.

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## EPX CP - Comp. B

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

#### 1.1 Product identifier

EPX CP, two component solvent-free epoxy based carbon plate resin, Comp. B.

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

##### 1.2.1 Use of the substance/mixture

Used in strengthening of structural elements by applying carbon plate (B-component, hardener).

##### 1.2.2 Uses advised against

No restriction

#### 1.3 Details of the supplier of the safety data sheet

Company name: Sozeri Yapi Elemanlari San.Tic.lth.lhr.Ltd.Sti.  
Address: Ankara-Izmir Road Turgutlu 8. Km  
Manisa/Turkey  
Telephone: +90 212 276 62 62  
Website: www.tic-m.com  
Email: info@tic-m.com

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### 2.1.1 GHS classification

Skin corrosion : Category 1C  
Serious eye damage : Category 1  
Skin sensitization : Category 1  
Carcinogenicity : Category 1A

#### 2.2 GHS Label elements

##### Hazard pictograms



**Signal word:** Danger

##### Hazard statements

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H350 May cause cancer.

## Precautionary statements

### Prevention

- P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust or mist.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.

### Response

- 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.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P310 Immediately call a POISON CENTER or doctor/ physician.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.

### Storage

- P405 Store locked up.

### Disposal

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

## 2.3 Further information

See Section 11 for more detailed information on health effects and symptoms.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

CAS No	Chemical name	Quantity
14808-60-7	Quartz (SiO <sub>2</sub> )	>= 30 - < 50
25513-64-8	2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine	>= 10 - < 20
14808-60-7	Quartz (SiO <sub>2</sub> ) <5µm	>= 0 - < 1 %

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.

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## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### **4.1.1 General advice**

Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.

#### **4.1.2 After inhalation**

Provide fresh air. Consult a physician after significant exposure.

#### **4.1.3 After contact with skin**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

#### **4.1.4 After contact with eyes**

Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.

#### **4.1.5 After ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

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

Allergic reactions, Dermatitis.

See Section 11 for more detailed information on health effects and symptoms.

Corrosive effects, sensitizing effects, carcinogenic effects

### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **5.2 Further information**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### **5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

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

Use personal protective equipment as required. Deny access to unprotected persons.

### **6.2 Environmental precautions**

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

### **6.3 Methods and material for containment and cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

#### **7.1.1 Advice on safe handling**

Avoid exceeding the given occupational exposure limits (see section 8).

Do not get in eyes, on skin, or on clothing.

For personal protection see section 8.

Persons with a history of skin sensitization problems or asth-ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Smoking, eating and drinking should be prohibited in the application area.

Provide sufficient air exchange and/or exhaust in work rooms.

Follow standard hygiene measures when handling chemical products.

#### **7.2 Conditions for safe storage**

Store in original container.

Keep in a well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions.

Store in accordance with local regulations.

#### **7.3 Materials to avoid**

No data available.

## SECTION 8: Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

### 8.1 Engineering measures

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

### 8.2 Personal protective equipment



#### 8.2.1 **Protective and hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove respiratory and skin/eye protection only after vapors have been cleared from the area. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling.

#### 8.2.2 **Eye/face protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

#### 8.2.3 **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.

#### 8.2.4 **Skin protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances.

#### 8.2.5 **Respiratory protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	paste
Colour:	gray
Odour:	amine-like
Odour Threshold:	No data available
Flash point:	> 100 °C
Ignition temperature:	Not applicable
Decomposition temp.:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flammability (solid, gas):	No data available
Oxidizing properties:	No data available
Autoignition temp.:	No data available
pH:	No data available
Melting point/ range/:	No data available
Freezing point	
Boiling point/ range:	No data available
Vapor pressure:	No data available
Density:	1.08 g/cm <sup>3</sup> (23 °C)
Water solubility:	slightly soluble
Partition coefficient:	No data available
n-octanol/water	
Viscosity, dynamic:	No data available
Viscosity, kinematic:	> 20.5 mm <sup>2</sup> /s (40 °C)
Relative vapor density:	No data available
Evaporation rate:	No data available
Burning rate:	No data available
Volatile organic compounds (VOC) content:	27 g/l (A+B Combined)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.



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**103 Possibility of hazardous reactions**

Stable under recommended storage conditions.

**104 Conditions to avoid**

No data available.

**105 Incompatible materials**

No data available.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**11.1.1 Acute toxicity**

Acute oral toxicity: no data available

Acute inhalation toxicity: no data available

Acute dermal toxicity: no data available

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine				
	Oral	LD50 910 mg/kg	Rat		

**11.1.2 Skin corrosion/ irritation**

Causes severe skin burns and eye damage.

**11.1.3 Serious eye damage/ eye irritation**

Causes serious eye damage.

**11.2 Respiratory or skin sensitization**

**11.2.1 Skin sensitization**

May cause an allergic skin reaction.

**11.2.2 Germ cell mutagenicity**

No data available.

**11.2.3 Carcinogenicity**

May cause cancer.

**11.2.4 IARC**

Group 1: Carcinogenic to humans

Quartz (SiO<sub>2</sub>) 14808-60-7

**11.2.5 NTP**

Not applicable.

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#### 11.2.6 Reproductive toxicity

No data available.

#### 11.2.7 STOT-single exposure

Not classified based on available information.

#### 11.2.8 STOT-repeated exposure

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

#### 11.2.9 Aspiration hazard

No data available.

## SECTION 12: Ecological information

### 12.1 Components

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
25513-64-8	2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine					
	Toxicity to algae	EC50 29.5 mg/l	72 h	Scenedesmus capricornutum (fresh water algae)		
	Toxicity to fish Chronic toxicity	LC50 174 mg/l	48 h	Leuciscus idus (Golden orfe)		

### 12.2 Other information

Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 13: Disposal considerations

### 13.1 Disposal methods

#### 13.1.1 Waste from residues

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.

#### 13.1.2 Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14: Transport information

### 14.1 DOT

UN number	3267
Description of the goods:	Corrosive liquid, basic, organic, n.o.s. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)
Class:	8
Packing group:	II
Labels:	8
Emergency Response:	153
Guidebook number	

### 14.2 IATA

UN number:	3267
Description of the goods:	Corrosive liquid, basic, organic, n.o.s. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)
Class:	8
Packing group:	II
Labels:	8
Packing instruction (Cargo Aircraft)	855
Packing instruction (Passenger Aircraft)	851
Packing instruction (Passenger Aircraft)	Y840

### 14.3 IMDG

UN number:	3267
Description of the goods:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)
Class:	8
Packing group:	III
Labels:	8
EmS Number 1	F-A
EmS Number 2	S-B
Marine pollutant	no

DOT: Department of Transportation

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods

	<p align="center"><b>Material Safety Datasheet</b> <b>EPX CP</b></p>	<p align="center"><b>Revision Date</b> <b>01.2021</b></p>
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**144 Special precautions for user**

No data available.

**145 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information**

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

**National Legal Information**

Water pollution Class (D):	2-clearly water pollutant
Skin absorption / sensitivity:	Causes extreme allergic sensitivity reactions.

**SECTION 16: Other information**

**HMIS Classification**

Health	*3
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

**Further Information**

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