

# SAFETY DATA SHEET

Epiform EPX-7410

Date issued:31/Aug./18

Date revised: -/-/

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Epiform EPX-7410  
 CHEMICAL FAMILY : Epoxy resin compound  
 MANUFACTURER : Somar Corporation ; 19-1, Inari 5-Chome,Soka,  
 Saitama, 340-8686, Japan  
 EMERGENCY PHONE : 048-931-1515 (JAPAN) QAC Department

## 2. HAZARDS IDENTIFICATION

### **【GHS CLASSIFICATION】**

HEALTH HAZARDS : Acute Toxicity (Oral) Not Classified  
 Carcinogenicity Category 1A  
 Specific Target Organ Systemic Toxicity (Single Exposure) Not Classified  
 Specific Target Organ Systemic Toxicity (Repeated Exposure) Not Classified

\*Not applicable or Not Classifiable items other than above.

**【GHS LABEL ELEMENTS】** :



**【SIGNAL WORD】** : Danger

**【HAZARD STATEMENT】** : 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.  
 P281:Use personal protective equipment as required.

FIRST-AID MEASURES : P308+P313:IF Exposed or concerned: Get medical advice/attention.

STORAGE : P405:Store locked up.

DISPOSAL : P501:Dispose of contents/container to follow in accordance with local/regional/national/international regulation (to be specified).

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE : Mixture

Hazardous Ingredients	% by wt	
Silica(crystalline)	0.1	1

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## 4. FIRST AID MEASURES

- INHALATION : Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.
- INGESTION : Do not induce vomiting and get medical attention.
- SKIN CONTACT : Wash thoroughly with neutral soap and water.
- EYE CONTACT : Flush eyes with large amounts of water and lose no time to see an eye specialist.

## 5. FIRE FIGHTING MEASURES

- HAZARDOUS : Carbon monoxide possible where  
DECOMPOSITION PRODUCTS incomplete combustion occurs.
- EXTINGUISHING MEDIA : Foam, Carbon dioxide, Dry chemicals
- FIRE FIGHTING EQUIPMENT : Wear full bunker gear including a  
self-contained breathing apparatus  
(SCBA)
- FIRE FIGHTING : Shut off fuel to fire and extinguish with  
foam or dry chemical.
- INSTRUCTIONS : Water may be used to keep fire exposed  
container cool.

## 6. ACCIDENTAL RELEASE MEASURES

- LEAKS AND SPILLS : Sweep up and discard
- PERSONAL PROTECTION : See Section 8.

## 7. HANDLING AND STORAGE

- HANDLING : Use with an appropriate local exhaust ventilation for work  
areas and heat curing areas.  
Avoid skin contact and eye contact. Wear goggles, gloves and  
dust respirators.  
Wash skin and gargle with large amount of water after  
handling.
- STORAGE : Store in full tightly sealed containers in a cool, dry place.  
Keep away from direct sunlight, heat sources and ignition  
sources.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- SKIN PROTECTION : Wear long sleeved working clothes, rubber gloves, an apron and arm covers for protection.
- EYE PROTECTION : Be sure to wear safety glasses with side shields.
- RESPIRATORY PROTECTION : Wear an approved air-purifying respirator.
- ENGINEERING CONTROLS : Provide general and local exhaust ventilation.
- EXPOSURE GUIDELINE : None established for Epiform EPX-7410.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : Yellowish-brown powder
- ODOR : Characteristic odor
- SPECIFIC GRAVITY : 1.7
- SOFTENING POINT : 75~85°C
- SOLUBILITY (in water) : Insoluble
- FLASH POINT : >250°C

## 10. STABILITY AND REACTIVITY

- GENERAL : This product is stable and hazardous polymerization will not occur during proper industrial handling.
- INCOMPATIBLE MATERIALS : Strong oxidizing agents.
- REACTIVITY : Strong oxidizing agents, Strong lewis acids, Alkali, Amines.
- DECOMPOSITION PRODUCTS : Burning can produce CO and / CO<sub>2</sub>, Aldehydes and other organic substance.

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## 11. TOXICOLOGICAL INFORMATION

•Acute Toxicity (Oral) LD<sub>50</sub>

Silica(crystalline) : 3160mg/kg(rat)

•Carcinogenicity

Silica(crystalline) : Category 1A

•Specific Target Organ Systemic Toxicity  
(Single Exposure)

Silica(crystalline) : Category 1

•Specific Target Organ Systemic Toxicity  
(Repeated Exposure)

Silica(crystalline) : Category 1

\*The data on other ingredients are not available.

## 12. ECOLOGICAL INFORMATION

No relevant information found.

## 13. DISPOSAL CONSIDERATIONS

Waste must be disposed in conformity with local disposal regulations.

## 14. TRANSPORT INFORMATION

UN CLASS : Not Applicable

UN NUMBER : Not Applicable

IMDG CODE : Not Applicable

IATA CODE : Not Applicable

Keep away from heat and any sources of ignition.

Transport in conformity with local regulations.

## 15. REGULATORY INFORMATION

TSCA : All components are listed on TSCA Inventory.

Contact local authorities to determine if there may be other local reporting requirements.

## 16. OTHER INFORMATION

### INFORMATION CONTACT

MANUFACTURER : Somar Corporation

ADDRESS : 19-1, Inari 5-Chome,Soka, Saitama, 340-8686,  
Japan

PHONE : 81-48-931-1513

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