

# SAFETY DATA SHEET

Epiform F-6975

Date issued: 14/SEP/04 Date revised:01/Nov./18

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Epiform F-6975  
 CHEMICAL FAMILY : Epoxy resin compound  
 MANUFACTURER : Somar Corporation ; 19-1, Inari 5-Chome,Soka,  
 Saitama, 340-0003, Japan  
 EMERGENCY PHONE : 048-931-1515 (JAPAN) QAC Department

## 2. HAZARDS IDENTIFICATION

### 【GHS CLASSIFICATION】

HEALTH HAZARDS	Acute Toxicity (Oral)	Not Classified	
	Skin Corrosion/Irritation	Not Classified	
	Serious Eye Damage/Eye Irritation	Category 2B	
	Skin Sensitization	Category 1	
	Specific Target Organ Systemic Toxicity (Repeated Exposure)	Category 2 (Lungs)	
	ENVIRONMENTAL HAZARDS	Hazardous to the Aquatic Environment Acute Hazard	Category 3
	Hazardous to the Aquatic Environment Chronic Hazard	Category 3	

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

### 【GHS LABEL ELEMENTS】



【SIGNAL WORD】 : Warning

【HAZARD STATEMENT】 : May cause an allergic skin reaction  
 Causes eye irritation  
 May cause damage to organs through prolonged or repeated exposure(Lungs)  
 Harmful to aquatic life  
 Harmful to aquatic life with long lasting effects

### 【PRECAUTIONARY STATEMENTS】

PREVENTION : Wear protective gloves as specified by the manufacturer/supplier or the competent authority.  
 Wash hands thoroughly after handling  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Avoid release to the environment.

FIRST-AID MEASURES : Get medical attention/advice if you feel unwell.  
 Wash contaminated clothing before reuse.  
 If on skin: Wash with plenty of soap and water

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## DISPOSAL

If skin irritation or rash occurs, seek medical advice/attention.  
 If in eyes: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists, get medical advice/attention.  
 : 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		
Bis-phenol A type of Epoxy resin(Solid)	35	-	40
Silica	45	-	55
Titanium Oxide	1	-	5

### 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

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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.

## **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 : Wear an approved air-purifying respirator.

PROTECTION

ENGINEERING : Provide general and local exhaust ventilation.

CONTROLS

EXPOSURE : None established for Epiform F-6975.

GUIDELINE Vitreous silica :ACGIH TLV-TWA is 0.1mg/m<sup>3</sup>

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE : Gray powder

ODOR : None

SPECIFIC GRAVITY : 1.61

SOFTENING POINT : 50~80°C

SOLUBILITY (in water) : Insoluble

FLASH POINT : >200°C

DUST EXPLOSION : 150g/m<sup>3</sup>

LOWER EXPLOSIVE LIMIT

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## 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.

## 11. TOXICOLOGICAL INFORMATION

- Acute Toxicity (Oral) LD<sub>50</sub>  
Bis-phenol A type of Epoxy resin(Solid) : >11400mg/kg(rat)  
Silica 3160mg/kg(rat)
  - Skin Corrosion/Irritation  
Bis-phenol A type of Epoxy resin(Solid) : Not Classified
  - Serious Eye Damage/Eye Irritation  
Bis-phenol A type of Epoxy resin(Solid) : Category 2B
  - Skin Sensitization  
Bis-phenol A type of Epoxy resin(Solid) : Category 1
  - Specific Target Organ Systemic Toxicity (Repeated Exposure)  
Titanium Oxide Category 1(Lungs)
- \*The data on other ingredients are not available.

## 12. ECOLOGICAL INFORMATION

- Hazardous to the Aquatic Environment Acute Hazard  
Bis-phenol A type of Epoxy resin(Solid) : Category 3
- Hazardous to the Aquatic Environment Chronic Hazard  
Bis-phenol A type of Epoxy resin(Solid) : Category 3

## 13. DISPOSAL CONSIDERATIONS

Waste must be disposed in conformity with local disposal regulations.

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## 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, 340-0003,  
Japan

PHONE : 81-48-931-1513

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