

# SAFETY DATA SHEET



## BENARX F Cellular glass insulation and epoxy roll

Revision date: 27.08.08

### 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

**Chemical name** BENARX F Cellular glass insulation and epoxy roll  
**Revision date** 27.08.08  
**Company** D&F Group AS  
PO.Box 273, Slåtthaug  
5851 Bergen  
Telefon: +47 55 52 66 00 Fax: +47 55 52 66 01  
**Country** NORWAY  
**Internet** www.dfgroup.com  
**E-mail** benarx@dfgroup.no  
**Emergency nr** Giftinfo: 22591300  
**Application** Ref. Product data sheet.  
**Author** Sensor Chemcontrol AS

### 2. HAZARD IDENTIFICATION

**Risk description** Considered not to be classified as dangerous.  
For further information, see section 9 and 11.

### 3. COMPOSITION

Ingredients	EC-nr.	CAS-nr.	Weight-%	Class.	R-phrases
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8			
Polyamide resin		68410-23-1			
Polyetherdiol		32492-61-8			
2,4,6-tris(dimethylaminomethyl) phenol	202-013-9	90-72-2			
Triethylenetetramine	203-950-6	112-24-3			

**Explanation** R-phrases with full text is found in section 16. Tx=Very Toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritating, IK=No classification required, E=Explosive, O=Oxidizing, Fx=Extremely flammable, F=Highly flammable, N=Dangerous for the environment.

**Ingredients comments** Total dust from mechanical work on the product is approximately half of exposure limit.

### 4. FIRST AID MEASURES

**Additional information** The first aid measures are given with regard to exposure to dust from mechanical work on the product.

**Inhalation** Fresh air and rest if exposed to dust. Rinse mouth and nose with water.

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<b>Skin contact</b>	Wash the skin with soap and water.
<b>Eye contact</b>	Rinse immediately with water for at least 15 minutes (hold eyelids wide apart, remove contact lenses).
<b>Ingestion</b>	Rinse the mouth with water and drink a couple of glasses of water afterwards.

### 5. PROTECTION AGAINST FIRE AND EXPLOSION

<b>Fire/explosion risks</b>	Not flammable.
<b>Additional information</b>	Fire insulation product.

### 6. PROCEDURE IN CASE OF ACCIDENTAL RELEASE

<b>Additional information</b>	Accidental release is not likely.
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### 7. HANDLING AND STORAGE

<b>Handling</b>	Mechanical work on a epoxybased product may involve health hazards. Grinding is not accept.
<b>Storage</b>	No special precautions.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>OAR remarks</b>	* Exposure limits for dust is given with regard to exposure to dust from mechanical work on the product.
<b>Respiration protection</b>	Use a dust mask, filter P2, when doing mechanical work on the product.
<b>Eye protection</b>	Use safety glasses when doing mechanical work on the product.
<b>Hand protection</b>	Use protective gloves when doing mechanical work on the product to avoid skin contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Additional information</b>	The product is a solid.
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### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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### 11. TOXICOLOGICAL INFORMATION

<b>Additional information</b>	Mechanical work on a epoxybased product may involve health hazards.
<b>Inhalation</b>	Can cause irritation in the respiratory tract when inhaling dust from mechanical work on the product.
<b>Skin contact</b>	Can defatten the skin if exposed to dust from mechanical work on the product.
<b>Eye contact</b>	Can cause irritation when exposed to dust from mechanical work on the product.
<b>Ingestion</b>	Can cause irritation in mouth and digestive tract when exposed to dust from mechanical work on the product.

### 12. ECOLOGICAL INFORMATION

<b>Additional information</b>	The product is not classified as dangerous to the environment.
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### 13. DISPOSAL CONSIDERATIONS

<b>General</b>	Product remains that can not be stored for reuse or recycled must be delivered to the nearest terminal for destruction.
<b>Disposal group</b>	EAL-code is to be determined by end user, ex. EAL-code 07 02 08 Other reactionresidues and distillationresidues.

### 14. TRANSPORT INFORMATION

<b>Additional information</b>	Not dangerous goods with regards to transport regulations.
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### 15. REGULATORY INFORMATION

<b>References</b>	Regulations relating to the classification, labelling, etc. of dangerous chemicals. List of treshold limit values (Administrativ norm). ADR/RID.
<b>Additional information</b>	Considered not to be classified as dangerous.  Mechanical work on a epoxybased product may involve health hazards.

### 16. OTHER INFORMATION

Databladet er utarbeidet med Sensor-chemdoc 7.8g lisensert til: D&F Group AS

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**Additional information**

Benarx is a range of insulation products for various industrial purposes which combines well proven capability with new and innovative solutions.  
The products are solid epoxycompounds.

Author: Sensor Chemcontrol AS.

**Printed date**

10.11.08

--- SAFETY DATA SHEET conforming to EC-regulations 1907/2006, directive 67/548/EEC(2006/121/EC), 99/45 EC -

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