

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 11/04/2008

Internal No.:

Replaces date: 07/03/2007

Barrikade EP-PS Steel Primer, part B

### 1. IDENTIFICATION OF PRODUCT AND COMPANY



<input checked="" type="checkbox"/>	Approved for use	<input type="checkbox"/>	Godkjent for distribusjon
<input type="checkbox"/>	Approved for laboratory use	<input type="checkbox"/>	
<input type="checkbox"/>	Approved by Hesselberg Bygg AS	<input type="checkbox"/>	

TRADE NAME	Barrikade EP-PS Steel Primer, part B
SYNONYMS	Modifisert Polyamid
GROUP NAME	Barrikade
APPLICATION	HARDENERS

#### Declaration no.

070933

#### Producer/importer

Company	A/S Sigurd Hesselberg, Hesselberg Bygg
Address	P.O.Box 1023 Jeløy
Postal code	N-1510 Moss
Country	Norway
E-mail	bygg@hesselberg.no
Internet	www.hesselberg.com
Telephone	+47 69273000
Fax	+47 69274630

Name	E-mail	Phone (work)
Ketil Sollien	ketil.sollien@hesselberg.no	69276916

#### Emergency Telephones

Emergency Phone	Information
+ 47 22 59 13 00	

### 2. COMPOSITION/INFORMATION ON INGREDIENTS



No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	benzylalkohol	202-859-9	100-51-6	< 50 %	Xn,20/22
2	3,6-Diazaoctanethylenediamin	203-950-6	112-24-3	< 5 %	C,34-21-43-52/53
Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment					

### 3. HAZARDS IDENTIFICATION



Irritating

#### HEALTH

Irritating to eyes and skin. May cause sensitization by skin contact. Harmful by inhalation and if swallowed.

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### 4. FIRST AID MEASURES



#### GENERAL

If in doubt, get medical advice. Show this safety data sheet to the physician present.

#### INHALATION

Immediately move the exposed person to fresh air. Get medical advice if discomfort develops.

#### SKIN CONTACT

Wash contaminated skin immediately with water. Remove wet clothing and wash the skin with water. Get medical advice if irritation persists.

#### EYE CONTACT

Flush with large amounts of water (open eyelids) for at least 15 minutes. If eye irritation persists, consult a specialist.

#### INGESTION

Summon physician immediately. Give water or milk, preferably with activated charcoal. If a person vomits when lying on his back, place him in a stable position, lying on one side.

#### MEDICAL INFORMATION

Persons with rash are directed to skin expert for examination of allergic dermatitis.

### 5. FIRE-FIGHTING MEASURES



#### EXTINGUISHING MEDIA

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

#### FIRE AND EXPLOSION HAZARDS

Fire generates toxic nitrogen oxides (NO<sub>x</sub>).

#### PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

General: Evacuate all personnel, use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

### 6. ACCIDENTAL RELEASE MEASURES



#### PERSONAL PRECAUTIONS

Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes and clothing.

#### ENVIRONMENTAL PRECAUTIONS

Prevent product from entering drains. Do not contaminate surface water. Avoid subsoil penetration.

#### METHODS FOR CLEANING UP

Remove spill with absorbent materials and/or mechanical equipment, and dispose of in accordance with section 13.

### 7. HANDLING AND STORAGE



#### HANDLING ADVICE

Provide sufficient air exchange and/or exhaust ventilation in work rooms. Avoid formation of aerosol. Provide adequate ventilation. Open and handle container with care.

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### STORAGE

Keep away from sources of ignition - No smoking. Keep away from food, drink and animal feed. Store at room temperature in the original container.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION



#### EXPOSURE CONTROL

Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes and clothing. SHOWER and EYEWASH FACILITIES must be available at the workplace.

#### RESPIRATORY PROTECTION

Use respiratory protection

#### EYE PROTECTION

Wear approved goggles or face shield.

#### PROTECTIVE CLOTHING

Wear protective clothing.

#### OTHER INFORMATION

Change work clothing daily before leaving workplace. Remove contaminated clothing immediately and wash contaminated skin as soon as possible.

### 9. PHYSICAL AND CHEMICAL PROPERTIES



Physical State	Liquid.
Colour	Yellowish.
Odour	Amine-like.
Water solubility	Slightly soluble in water:

#### Physical and chemical parameters

Parameter	Value / Unit	Method	Note
pH concentrate	~10		
Boiling point	> 170 °C		
Flash point	~ 117 °C		
Vapour pressure	= 3 mm/hg		
Density	= 1,01 g/cm <sup>3</sup>		

### 10. STABILITY AND REACTIVITY



#### MATERIALS TO AVOID

Avoid contact with strong acids and bases. Avoid contact with strong oxidizers.

#### HAZARDOUS DECOMPOSITION PRODUCTS

carbon oxides. Nitrogen oxides (NO<sub>x</sub>). Burning produces bad-smelling and toxic fumes.

### 11. TOXICOLOGICAL INFORMATION



#### Acute toxic test results

Route of exposure	Value / Unit	Species	Exp. time	Note
Oral LD50	= 2,02 mg/kg	Rat		
Dermal LD50	= 2 mg/kg	Rabbit		1)
Inhalation LC50	= 4,18 mg/kg	Rat	4h	2)

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### Notes on acute test results

Note	Comment
1)	For Benzylalcohol
2)	For Benzylalcohol

### GENERAL

In industry, irritating properties represent the main hazard.

### INHALATION

Vapour may irritate respiratory system or lungs.

### SKIN CONTACT

Irritating to skin. May cause sensitization by skin contact. May cause sensitization by skin contact.

### EYE CONTACT

Irritating.

### INGESTION

Ingestion of small amounts will normally not cause any complications.

### SENSITIZATION

May cause sensitization.

## 12. ECOLOGICAL INFORMATION



### Acute aquatic test results

Test	Value / Unit	Test method	Exp. time	Species
Acute Fish LC50	= 10 mg/l		96h	lepomis macrochirus
Acute Algae LC50	= 700 mg/l		72h	

### ECOTOXICITY

no data available

### DEGRADABILITY

no data available

### ACCUMULATION

Not expected to bioaccumulate significantly.

### OTHER INFORMATION

Do not allow this chemical to contaminate sources of drinking water, waste water or soil!

## 13. DISPOSAL CONSIDERATIONS



### GENERAL REGULATIONS

Waste must be disposed of at approved landfill/waste storage or treatment facility. Dispose of as special waste in compliance with local and national regulations.

### CATEGORY OF WASTE

Waste substance no. 7123, EAL code 080112

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### 14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

☐

Yes

☒

No

☐

N/A

### OTHER INFORMATION

The product is not considered as dangerous goods according to current regulations.

### 15. REGULATORY INFORMATION



Irritating

EC-Label

☐

No

☐

Yes

☒

N/A

### COMPOSITION

benzylalkohol (< 50 %), 3,6-Diazoctanethylenediamin (< 5 %)

### R-PHRASES

Nr.	R-Phrase text
R20/22	Harmful by inhalation and if swallowed.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.

### S-PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water.

### REFERENCES

Norwegian Labour Inspectorate: Regulations concerning hazard labelling (health, fire, explosion).

### 16. OTHER INFORMATION

### VENDOR NOTES

This document contains important information concerning correct storage, handling and use of the product. Handle and use this product in accordance with the requirements and recommendations of the equipment manufacturers.

### LIST OF RELEVANT R-PHRASES

Nr.	R-Phrase text
R20/22	Harmful by inhalation and if swallowed.
R21	Harmful in contact with skin.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ISSUED:

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### REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.0	07/03/2007	Ketil Sollien	Oppdatering
2.0.0	11/04/2008	Ketil Sollien	Update

### SDS prepared by

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