

Product name: NORTANK BACEL FOAM® MATURED FOAM

## 1. Identification of the Producer and the Marketing Company

- a. Production Plant: NORTANK - Safer Solutions AS  
Fanaveien 15  
5221 Nesttun  
Norway  
T:+47 926 78 000 // T: +47 948 48 500
- b. Marketing Company: NORTANK - Safer Solutions AS  
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5221 Nesttun  
Norway  
T:+47 926 78 000 // T: +47 948 48 500
- c. Distributor: NORTANK - Safer Solutions AS  
Fanaveien 15  
5221 Nesttun  
Norway  
T:+47 926 78 000 // T: +47 948 48 500

## 2. Composition.

- a. Chemical Name: Urea – Formaldehyde Hardfoam
- b. Synonyms: Aminoplast Hardfoam
- c. Chemical Family: Aminoplasts - Duroplasts

## 3. Hazards Information.

H: not applicable  
P: 271



## 4. First Aid Measures.

No particular first aid measures are needed

## 5. Fire Fighting Measures.

- a. Flammability: The hard foam is non-flammable, does not ignite nor burn
- b. Suitable extinguishing Media: not applicable
- c. Unsuitable Extinguishing Media: not applicable
- d. Special Hazards: not applicable
- e. Protective Equipment: see 8

## 6. Accidental Release Measures.

- a. Personal Precautions: Keep away from non involved people
- b. Environmental precautions: No particular precautions needed  
The hard foam is water-based and biodegradable
- c. Methods for cleaning: Brush up / dig up etc

## 7. Handling and Storage.

- a. Handling: Operators must be trained to work with foams. Operators must avoid breathing fine particles of product (dust).
- b. Storage: Keep storage container/area ventilated. Protect from direct sun light. Store in ventilated area.

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## 8. Exposure Protection and Personal Protection.

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|-------------------------|---|
| a. Exposure Protection: | Always work in well ventilated area           |
| b. Personal Protection: | Wear a simple mouth cap for breath protection |

## 9. Physical and Chemical Properties.

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| a. Appearance:                     | White solid foam                     |
| b. Odour:                          | Odourless when dry                   |
| c. pH:                             | 1,8 – 2,8                            |
| d. Melting Point:                  | 120 °C                               |
| e. Flash-ignition:                 | 235°C                                |
| f. Self-ignition:                  | 620 °C                               |
| g. Flammability:                   | Non-flammable (<25 by ASTM E-84-76A) |
| h. Explosive properties:           | None                                 |
| i. Oxidizing Properties:           | None                                 |
| j. Vapour Pressure:                | not applicable / non-volatile acid   |
| k. Vapour Density:                 | not applicable / non-volatile acid   |
| l. Density:                        | 10 – 70 kg/m <sup>3</sup>            |
| m. Solubility in water:            | Non-soluble                          |
| n. Dynamic Viscosity (cP at 30°C): | Solid                                |

## 10. Stability and Reactivity.

The hard foam remains stable in dry conditions for at least 150 years after production, subject to proper storage and handling.

Under composting conditions, maximum 5% degradation per annum.

Avoid direct exposure to sunlight.

Temperatures above 45°C will result in decomposition of the product

Direct Contact with H<sub>2</sub>O<sub>2</sub> will result in degradation of the product.

## Hazardous Decomposition Products.

Thermal decomposition products may include formaldehyde, oxides of nitrogen and carbon monoxide.

## 11. Toxicological Information.

- |                     |   |
|---------------------|---|
| a. Carcinogenicity: | The hard foam is non carcinogenic / non mutagenic |
| b. Eyes:            | Non-irritating when dry                           |
| c. Skin:            | Non-irritating when dry                           |
| d. Inhalation:      | Non-irritating when dry                           |

## 12. Ecological Information

- |                           |                      |
|---------------------------|----------------------|
| a. Environmental effects: | None (Biodegradable) |
| b. Eco-toxicity:          | None                 |
| c. Bio-concentration:     | None                 |

## 13. Disposal Considerations.

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|---------------------|---|
| a. Disposal Method: | Burn or handle as normal waste or bio-waste<br>Disposal in landfill |
|---------------------|---|

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14. Transport Information.

- |                           |                                    |
|---------------------------|------------------------------------|
| a. Identification Number: | 39211900                           |
| b. Transport Name:        | UF or aminoplast foam or FYTOFOAM® |
| c. ADR/RID:               | Not applicable                     |
| d. IMO-IMDG code:         | Not applicable                     |
| e. ICAO/IATA:             | Not applicable                     |

15. Regulatory Information.

- |                   |                                |
|-------------------|--------------------------------|
| a. R – sentences: | Do not apply when dry          |
| b. S – sentences: | S51 – Use in ventilated area's |

16. Other Information.

For detailed information see manufacturer's specifications and manuals.

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