



**Quality insulation  
with a personal touch**

## Product Safety Information Sheet

### NESTAAN® PIR

Revision 1.0 – August 2016

#### 1. Identification of Products and Company

##### 1.1 Identification

**NESTAAN® PIR**

##### 1.2 Company

**NESTAAN HOLLAND BV**

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4691 RZ Tholen – NL

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#### 2. Hazards Identification

Not classified as a hazardous material when handling or under normal use.

#### 3. Composition

Core: Polyisocyanurate Polymer

#### 4. First-Aid Measures

**Inhalation:** Remove person to fresh air.

**Skin:** In the event that irritation occurs wash carefully using soap or an appropriate cleanser to remove.

**Eyes:** Dust particles should be removed by flushing with clean water.

**Ingestion:** Seek medical attention if discomfort persists.

#### 5. Fire-Fighting Measures

It is prudent to take precautions against ignition, fire spread and smoke hazard.

In fire situations beware of low visibility due to soot and avoid smoke inhalation. The product will generate considerable heat in the event of fire. Smoke contains carbon monoxide and other gases which may be harmful to health if inhaled. If smoke or fumes are inhaled, immediately seek fresh air and medical assistance.

Provide fire-extinguishing equipment at both storage and installation sites.

**Suitable media:** Water spray (fog), Foam, CO<sub>2</sub> or dry Chemical.

**Un-suitable media:** Not applicable

Fire fighters must use self-contained compressed air breathing apparatus and emergency equipment. Saturate burning foam with water from a spray nozzle.

#### 6. Accidental Release Measures

Not applicable.

#### 7. Handling and Storage

(I) Store in a location free from any ignition hazard, such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat.

(II) Keep product protected from the elements. Ensure stability of stack and provide adequate aisle space for access between stacks. Do not stack the product too high.

(III) **Nestaan® PIR** can be processed with production equipment such as: a knife, saw, milling machine or abrasives. Processing with a heated wire is strongly advised against. Processing with production equipment giving rise of high temperatures must be avoided. Fire may arise as a consequence of overheating the foam.

#### 8. Exposure Controls / Personal protection

**Inhalation:** Dust is not normally a hazard unless mechanical cutting is used. Where dust is generated in confined spaces it is recommended that extraction be used. As with all cutting procedures it is recommended that disposable dust mask be worn. Use as a minimum a dust mask with protection factor FFP2. It is recommended when non-mechanical cutting is carried out that the product is cut with a trimming knife to minimise the generation of dust.

**Hands:** It is recommended that gloves be worn when handling the product. This to prevent mechanical irritation from the dust. Gloves with special cut resistance properties are also available.

**Eyes:** As with all cutting procedures it is recommended that eye protection with side protection be worn.

#### 9. Physical and Chemical Properties

**Appearance:** Yellowish or Greenish

**Odour:** Negligible

**Solubility:** Insoluble

**Other data:** as per technical data sheet



## Product Safety Information Sheet

### 10. Stability and Reactivity

Stable and non-reactive during normal use (see section 7). The products core will dissolve when in contact with some solvents, particularly those containing methyl, ethyl and acetone.

### 11. Toxicological Information

No information available at this time.

### 12. Ecological Information

The product is inert and stable in water and soil.

### 13. Disposal Considerations

Waste is non-hazardous and should be disposed of regularly in a designated location without grinding or powdering in accordance with local requirements and laws. Any polyurethane product dust created in the installation process is regarded as nuisance dust only because of its inert nature. It is important that the accumulation of waste is avoided to prevent wind dispersal.

### 14. Transport Information

Read this section in conjunction with section 7. Ensure security of load and where necessary sheeting/roping should be used. **Nestaan® PIR** is a foamed product, and therefore a vulnerable product. It is recommended that mechanical lifting equipment is provided and used when moving bulk quantities of product in order to avoid serious physical injury.

### 15. Regulatory Information

None currently known to apply.

### 16. Other Information

The information in this data sheet is offered in good faith and is based on our current knowledge. We thereby withhold the right to update and amend this document as necessary. The information is intended to describe the product from a user safety viewpoint in accordance with the European Union Commission Directive 2001/58/EC.

This information sheet has been drawn up with care. However we can accept no liability for damage or whatever nature caused by the use of this information or the relevant product.

The information should not be taken as guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The information is intended to describe the product from the point of view of the user's safety. The information must not be interpreted as a guarantee. The user must carry out his own risk assessment covering all applicable uses by his employees.

All chemical products can affect persons with a sensitive or allergic disposition, persons with such sensitivity should seek medical advice before handling the product.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application strictly in accordance with the directions given.

Users should contact our technical services department to check that the information given is current and that new applicable safety legislation has not been introduced since the last update.

Additional information:

