

# MATERIAL SAFETY DATA SHEET

## Edition January 2010

**Product name** : *NOFIRNO fire safe rubber*

### 1- IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Product name** : NOFIRNO fire safe rubber  
**Supplier** : BEELE Engineering BV, Beunkdijk 11, 7120 AA AALTEN,  
The Netherlands  
**Telephone** : +31 (0)543 461629  
**Fax** : +31 (0)543 461786  
**E-mail** : info@beele.com

### 2- COMPOSITION / INFORMATION ON THE INGREDIENTS

**Chemical composition** : Cross linked silicone polymer with fire retardant fillers  
**Colour** : Terracotta  
**Hazardous components** : None  
**Further information** : None

### 3- HAZARDS IDENTIFICATION

**Human health effects** : None when used according to our installation instructions  
**Environmental effects** : Does not present particular risk to the environment, provided the disposal (see section 13) is in accordance with national or local regulations.  
**Specific hazards** : According to EEC criteria, this product is not classified as a hazardous preparation.  
**Further information** : Smoke and toxicity tests acc. to Naval Engineering Standard are performed with positive results

### 4- FIRST AID MEASURES

**Inhalation** : Respiratory protection is not normally required  
**Skin contact** : Gloves are not normally required  
**Eye contact** : Safety glasses should be worn when cutting the material  
**Hygiene measures** : Exercise good industrial hygiene practice. Wash after handling, especially before eating

### 5-FIRE FIGHTING MEASURES

**Properties** : Combustible at temperatures above 500 °C  
**Extinguishing media** : Foam, CO<sub>2</sub>, dry powder, water spray  
**Special exposure hazards** : In case of fire and/or explosion do not breathe fumes  
**Protective equipment** : Wear breathing apparatus

### 6- ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Not necessary for non-sensitive persons  
**Environmental precautions** : This product does not present a particular risk to the environment  
**Methods for cleaning** : Take up mechanically. Do not empty into drains.  
Transfer to a container for disposal.

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### 7- HANDLING AND STORAGE

**Handling** : Avoid eye contact  
**Storage** : No specific measures necessary.  
**Packaging** : No unsuitable packaging known  
**Further information** : None

### 8- EXPOSURE CONTROL/PERSONAL PROTECTION

**Mechanically** : Not applicable  
**Control parameters** : Not applicable  
**Personal protection** : See under personal protection  
**Respiratory protection** : See under personal protection  
**Hand protection** : See under personal protection  
**Eye protection** : See under personal protection  
**Skin protection** : See under personal protection

### 9- PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Rubber  
**Odour** : Slight  
**pH** : Not applicable  
**Density at 23 °C** : 1.5 g/cm<sup>3</sup>  
**Melting point** : Not applicable  
**Flammability** : LOI index = 55%  
**Oxidizing properties** : Non-oxidizing material according to EEC criteria  
**Solubility** : Insoluble

### 10- STABILITY AND REACTIVITY

**Stability** : Stable under normal usage conditions  
**Conditions to avoid** : None known  
**Materials to avoid** : None known  
**Hazardous decomposition products** : In case of fire Silica, CO, CO<sub>2</sub> and oxides of nitrogen will be emitted

### 11- TOXICOLOGICAL INFORMATION

**Acute toxicity** : Non known  
**Human effects** : None known  
**Long term exposure** : No information available

### 12- ECOLOGICAL INFORMATION

**Ecotoxicity** : None known  
**Degradability** : Not biodegradable  
**Bioaccumulation** : Not bioaccumable  
**Solubility** : Insoluble product

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### 13- DISPOSAL CONSIDERATIONS

: Dispose in accordance with local and national regulations

### 14- TRANSPORT INFORMATION

**General**

: Not Classified as Hazardous for Transport

**Land**

: Rail/road (RID/ADR): not restricted

**Sea**

: (IMO/IMDG): not restricted

**Air**

: (ICAO-IATA): not restricted

**Note**

: It is advisable to check the validity of the above due to possible evolution of transport regulations

### 15- REGULATORY INFORMATION

**Classification**

: Not irritant

**Risk Phrases**

: Not applicable

**Safety Phrases**

: Not applicable

### 16- OTHER INFORMATION

**Other information**

: This data sheet was prepared in accordance with Directive 91/155/EEG. The information given is based on our knowledge of the product at the time of publication. It is given in good faith.