#### **SAFETY DATA SHEET**



#### **Product Name:**

ISOROC stone wool insulation products

#### Issue 1

Date of issue: 01.09.2009 Date of renovation: 01.04.2010

#### 1. Product name and company name

1.1. Overall product name: mineral wool insulation intended for

external and internal thermal and acoustic use

1.2. Address: ISOROC Polska

ul. Leśna 30

13-100 Nidzica

1.3. Contact telephone: Secretariat: (89) 625 03 00

Sales Department: (89) 625 03 11 Export Department: (89) 625 03 13 Fax: (89) 625 03 02

### 2. Composition / information on ingredients

The mineral wool consist of: basalt, limestone, organic substances up to 3%

#### 3. Hazards identification

3.1. The product is safe for human and animal health

#### 4. First aid measures

4.1. General information:

when working with mineral wool in susceptible individuals may experience skin irritation

4.2. After contact with skin:

rinse under cold running water and soap

do not rub

no scratch

4.3. In case of ingestion:

throat rinse with clean cold water

4.4 In the event of getting into the eyes:

wash eyes with cold water

Do not rub your eyes

If irritation persists, consult a physician

### 5. Fire-fighting measures

The products are non-combustible and do not cause a fire hazard Packaging materials may occur hazard.

5.1. Suitable extinguishing media:

water, foam, dry powder

5.2. Extinguishing media unsuitable for safety reasons:

non

5.3. Special safety equipment during fire fighting:

followed standard procedures

### 6. Measures in case of accidental emissions

No special measures required

## 7. Method of handling and storage

7.1. Handling

The product should be unpacked immediately before application to avoid unnecessary handling of product

Please keep workspaces clean

Scraps of material must be placed in suitable containers

7.2. Storage

The material should be stored in their original packaging until application

Goods should be stored in such a way to protect against humidity and rainfall

### 8.Exposure controls and personal protection equipment

- 8.1. Personal protective equipment
- 8.1.1. Respiratory protection:

if there is significant dust (for example when using high speed cutting tools or while working in enclosed spaces), use of protective masks

8.1.2. Hand protection:

recommended to use protective gloves

8.1.3. Eye protection:

recommended to use protective goggles

8.1.4. Skin protection:

recommended wearing work clothes

## 9. Physical and Chemical Properties

Flash point ) NON
Flammability ) COMBUSTIBLE A1
Auto-flammability ) CLASS

Vapour pressure n.a.

Density 35 - 200 kg/m3

Solubility does not dissolve in water

Other data n.a.

### 10. Stability and reactivity information

10.1. Stability stable10.2. Reactivity do not react

10.3. Thermal decomposition products

in case to heat wool for the first time to approximately 200℃ binder components and decomposition gases are emitted from the binder gazów dekompozycji

The decomposition starts at approximately 200°C and the duration depends of on thickness of insulation, binder content and temperature.

### 11. Toxicological Information

11.1. Does not show the actions that are carcinogenic, mutagenic, reproductive toxicity, toxicity with repeated dosing

Epidemiological studies have shown no relationship between exposure to the fibers mineral wool and lung disease

11.2. In October 2001 the International Agency for Research on Cancer, (part of the World Health Organisation) has revised the classification mineral wool fibers from 1987 and removed them from the list of possible carcinogens, reflecting the increase in scientific knowledge and the established safety of mineral wool for workers and buliding occupiers IARC scientists gave mineral wool insulation a Group 3 classification

## 12. Ecological Information

The product is stable without any adverse impact on the environment

#### 13. Disposal considerations

No special precautions

13.1. Control of hazardous waste

Waste from mineral wool ISOROC were not considered as dangerous (DZ.U. No 128, pos. 1347)

13.2. Waste from mineral wool have been categorized non-hazardous waste for landfills

Code 10 13 82, according to the Catalogue of waste PN-E

### 14. Transport Information

No special requirements

## 15. Regulatory information

- 15.1.Act of 27 April 2001, the Environmental Protection Law (JL No. 62 pos. 627) with later changes
- 15.2. Act of April 27, 2001, Waste (JL No. 62, item 628) with later changes
- 15.3. Regulation of the Minister of Economy and Labour of September 7, 2005 on the criteria and procedures for the release of waste to landfill

# 16. Further information

The information above correspond to today's state of our knowledge and experience Characterize the product in terms of adequate safeguards ISOROC Company is not responsible for the correctness, certainty and completeness of the information